

# Safety Data Sheet

## Stadis® 425

### 1. Identification

**Product name** : Stadis® 425  
**Material uses** : Petrochemical industry: Petrochemicals. Fuel additive. Antistat.  
**Internal code** : VE-000001  
**System code** : 10107

**Date of issue/Date of revision** : 2020-11-18  
**Date of previous issue** : 2017-12-05  
**Version** : 1.01  
**Supplier** : Innospec Canada Limited  
 1500, 850- 2nd Street S.W.  
 Calgary, Alberta  
 T2P 0R8

**Information contact** : 1-800-441-9547

**e-mail address of person responsible for this SDS** : sdsinfo@innospecinc.com

**NON-emergency enquiries** : corporatecommunications@innospecinc.com

**Emergency telephone number**

In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC® Emergency Call Center based in the USA

**Country information** : **Emergency telephone number**

USA, Canada, Puerto Rico, Virgin Islands : +1 800 424 9300

In case of difficulties, or for ships at sea : +1 703 527 3887

In Europe, Middle East, Africa, Asia Pacific and South America 24 hour / 7 day emergency response for our products is provided by the NCEC CARECHEM 24 global network



The main regional centres are listed here in Section 1.

Other local contact numbers for specific language support in Asia Pacific are listed in Section 16

**Country information** : **Emergency telephone number** **Location**

South America ( all countries ) : +1 215 207 0061 Philadelphia USA

Brazil : +55 11 3197 5891 Brazil

Mexico : +52 555 004 8763 Mexico

Europe ( all countries ) Middle East, Africa ( French, Portuguese, English ) : +44 (0) 1235 239 670 London, UK

Middle East, Africa ( Arabic, French, English , Portuguese, Farsi) : +44 (0) 1235 239 671 London, UK

**Date of issue/Date of revision** : 2020-11-18

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# 1. Identification

Asia Pacific ( all countries except China )

: +65 3158 1074

Singapore

China

: 400 120 6011

Beijing China

## Section 2. Hazards identification

### Classification of the substance or mixture

- :  FLAMMABLE LIQUIDS - Category 3
- ACUTE TOXICITY (dermal) - Category 4
- ACUTE TOXICITY (inhalation) - Category 4
- SKIN IRRITATION - Category 2
- SERIOUS EYE DAMAGE - Category 1
- CARCINOGENICITY - Category 2
- SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
- SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (central nervous system (CNS)) - Category 1
- ASPIRATION HAZARD - Category 1
-  Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 2.5%
- Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 2.5%

### GHS label elements

#### Hazard pictograms



#### Signal word

:  Danger

#### Hazard statements

- :  H226 - Flammable liquid and vapor.
- H312 + H332 - Harmful in contact with skin or if inhaled.
- H318 - Causes serious eye damage.
- H315 - Causes skin irritation.
- H351 - Suspected of causing cancer.
- H304 - May be fatal if swallowed and enters airways.
- H336 - May cause drowsiness or dizziness.
- H372 - Causes damage to organs through prolonged or repeated exposure. (central nervous system (CNS))

### Precautionary statements

#### Prevention

- :  P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P280 - Wear protective gloves: 1 - 4 hours (breakthrough time): Wear suitable gloves tested to EN374.. Wear protective clothing. Wear eye or face protection: Recommended: splash goggles; Possible: safety glasses with side-shields.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P271 - Use only outdoors or in a well-ventilated area.
- P260 - Do not breathe vapor.
- P270 - Do not eat, drink or smoke when using this product.
- P264 - Wash hands thoroughly after handling.

## Section 2. Hazards identification

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Response</b>                         | : P314 - Get medical attention if you feel unwell.<br>P308 + P313 - IF exposed or concerned: Get medical attention.<br>P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.<br>P301 + P310 + P331 - IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting.<br>P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br>P302 + P352 + P312 + P362+P364 - IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or physician if you feel unwell. Take off contaminated clothing and wash it before reuse.<br>P332 + P313 - If skin irritation occurs: Get medical attention.<br>P305 + P351 + P338 + P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician. |
| <b>Storage</b>                          | : P405 - Store locked up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Disposal</b>                         | : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Hazards not otherwise classified</b> | : None known.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Target organs</b>                    | : Contains material which causes damage to the following organs: blood, kidneys, liver, gastrointestinal tract, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.<br>Contains material which may cause damage to the following organs: lungs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

See toxicological information (Section 11)

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name                            | %            | CAS number |
|--------------------------------------------|--------------|------------|
| Solvent naphtha (petroleum), heavy arom.   | 30 - 60      | 64742-94-5 |
| o-xylene                                   | 9.99 - 14.99 | 95-47-6    |
| Benzenesulfonic acid, C10-16-alkyl derivs. | 4.99 - 9.99  | 68584-22-5 |
| naphthalene                                | 0.99 - 4.99  | 91-20-3    |
| 1,2,4-trimethylbenzene                     | 0.99 - 4.99  | 95-63-6    |
| Kerosine (petroleum)                       | 0 - 4.99     | 8008-20-6  |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Remove dentures if any. Wash out mouth with water. Stop if the exposed person feels sick as vomiting may be dangerous. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Harmful in contact with skin. Causes skin irritation.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness

## Section 4. First aid measures

**Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur

**Ingestion** : Adverse symptoms may include the following:  
 stomach pains  
 nausea or vomiting

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide  
 nitrogen oxides  
 sulfur oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Flash point** : Closed cup: 33°C (91.4°F) [Pensky-Martens.]

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

## Section 6. Accidental release measures

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name                                                                                 | Exposure limits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> Xylene</p> | <p><b>CA Alberta Provincial (Canada, 4/2009).</b><br/>       8 hrs OEL: 100 ppm, 0 times per shift, 8 hours.<br/>       15 min OEL: 651 mg/m<sup>3</sup>, 0 times per shift, 15 minutes.<br/>       15 min OEL: 150 ppm, 0 times per shift, 15 minutes.<br/>       8 hrs OEL: 434 mg/m<sup>3</sup>, 0 times per shift, 8 hours.<br/> <b>CA British Columbia Provincial (Canada, 6/2017).</b><br/>       TWA: 100 ppm, 0 times per shift, 8 hours.<br/>       STEL: 150 ppm, 0 times per shift, 15 minutes.<br/> <b>CA Quebec Provincial (Canada, 1/2014).</b><br/>       TWA: 100 ppm, 0 times per shift, 8 hours.<br/>       TWA: 434 mg/m<sup>3</sup>, 0 times per shift, 8 hours.<br/>       STEV: 150 ppm, 0 times per shift, 15 minutes.<br/>       STEV: 651 mg/m<sup>3</sup>, 0 times per shift, 15 minutes.<br/> <b>CA Ontario Provincial (Canada, 1/2018).</b><br/>       STEL: 150 ppm 15 minutes.<br/>       TWA: 100 ppm 8 hours.<br/> <b>CA Saskatchewan Provincial (Canada, 7/2013).</b><br/>       STEL: 150 ppm 15 minutes.<br/>       TWA: 100 ppm 8 hours.</p>       |
| <p>naphthalene</p>                                                                              | <p><b>CA Alberta Provincial (Canada, 6/2018). Absorbed through skin.</b><br/>       15 min OEL: 15 ppm, 0 times per shift, 15 minutes.<br/>       8 hrs OEL: 10 ppm, 0 times per shift, 8 hours.<br/>       8 hrs OEL: 52 mg/m<sup>3</sup>, 0 times per shift, 8 hours.<br/>       15 min OEL: 79 mg/m<sup>3</sup>, 0 times per shift, 15 minutes.<br/> <b>CA British Columbia Provincial (Canada, 5/2019). Absorbed through skin.</b><br/>       TWA: 10 ppm, 0 times per shift, 8 hours.<br/> <b>CA Ontario Provincial (Canada, 6/2019). Absorbed through skin.</b><br/>       TWA: 10 ppm, 0 times per shift, 8 hours.<br/> <b>CA Quebec Provincial (Canada, 7/2019).</b><br/>       TWA: 10 ppm, 0 times per shift, 8 hours.<br/>       TWA: 52 mg/m<sup>3</sup>, 0 times per shift, 8 hours.<br/>       STEV: 15 ppm, 0 times per shift, 15 minutes.<br/>       STEV: 79 mg/m<sup>3</sup>, 0 times per shift, 15 minutes.<br/> <b>CA Saskatchewan Provincial (Canada, 7/2013). Absorbed through skin.</b><br/>       STEL: 15 ppm 15 minutes.<br/>       TWA: 10 ppm 8 hours.</p> |
| <p>Kerosine (petroleum)</p>                                                                     | <p><b>CA British Columbia Provincial (Canada, 6/2017). Absorbed through skin.</b><br/>       TWA: 200 mg/m<sup>3</sup>, (as total hydrocarbon vapour) 8 hours.<br/> <b>CA Ontario Provincial (Canada, 1/2018). Absorbed through skin.</b><br/>       TWA: 200 mg/m<sup>3</sup> 8 hours.<br/> <b>CA Alberta Provincial (Canada, 4/2009). Absorbed through skin.</b><br/>       8 hrs OEL: 200 mg/m<sup>3</sup>, (as total hydrocarbon vapour) 8 hours.<br/> <b>CA Saskatchewan Provincial (Canada, 7/2013). Absorbed</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Section 8. Exposure controls/personal protection

1,2,4-trimethylbenzene

through skin.

STEL: 250 mg/m<sup>3</sup>, (measured as total hydrocarbon vapour) 15 minutes.

TWA: 200 mg/m<sup>3</sup>, (measured as total hydrocarbon vapour) 8 hours.

**CA Alberta Provincial (Canada, 6/2018).**

8 hrs OEL: 123 mg/m<sup>3</sup>, 0 times per shift, 8 hours.

8 hrs OEL: 25 ppm, 0 times per shift, 8 hours.

**CA British Columbia Provincial (Canada, 5/2019).**

TWA: 25 ppm, 0 times per shift, 8 hours.

**CA Quebec Provincial (Canada, 7/2019).**

TWAEV: 25 ppm, 0 times per shift, 8 hours.

TWAEV: 123 mg/m<sup>3</sup>, 0 times per shift, 8 hours.

**CA Ontario Provincial (Canada, 6/2019).**

TWA: 25 ppm 8 hours.

**CA Saskatchewan Provincial (Canada, 7/2013).**

STEL: 30 ppm 15 minutes.

TWA: 25 ppm 8 hours.

### Appropriate engineering controls

- Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Environmental exposure controls

- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

#### Hygiene measures

- Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

- Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead. Recommended: splash goggles  
Possible: safety glasses with side-shields

#### Skin protection

##### Hand protection

- Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. 1 - 4 hours (breakthrough time): Wear suitable gloves tested to EN374.

## Section 8. Exposure controls/personal protection

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Body protection</b>                            | :  Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. |
| <b>Other skin protection</b>                      | :  Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.                                                                                                                                                                                               |
| <b>Respiratory protection</b>                     | :  Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: full-face mask , organic vapor filter (Type A)                                                                            |
| <b>Personal protective equipment (Pictograms)</b> | :                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Section 9. Physical and chemical properties

### Appearance

|                                                     |                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Physical state</b>                               | : Liquid. [Clear.]                                                                                                                                                                                           |
| <b>Color</b>                                        | : Amber. [Dark]                                                                                                                                                                                              |
| <b>Odor</b>                                         | : Aromatic.                                                                                                                                                                                                  |
| <b>Odor threshold</b>                               | : Not available.                                                                                                                                                                                             |
| <b>pH</b>                                           | : Not available.                                                                                                                                                                                             |
| <b>Melting point</b>                                | : <-39°C (<-38.2°F)                                                                                                                                                                                          |
| <b>Boiling point</b>                                | :  Lowest known value: 144.44°C (292°F) (o-Xylene). Weighted average: 186.98°C (368.6°F)                                  |
| <b>Boiling Range</b>                                | : Not available.                                                                                                                                                                                             |
| <b>Flash point</b>                                  | : Closed cup: 33°C (91.4°F) [Pensky-Martens.]                                                                                                                                                                |
| <b>Evaporation rate</b>                             | : Highest known value: 0.54 (o-Xylene) Weighted average: 0.13 compared with butyl acetate                                                                                                                    |
| <b>Flammability (solid, gas)</b>                    | : Not available.                                                                                                                                                                                             |
| <b>Lower and upper explosive (flammable) limits</b> | : Greatest known range: Lower: 0.6% Upper: 7% (Solvent naphtha (petroleum), heavy arom.)                                                                                                                     |
| <b>Vapor pressure</b>                               | : Highest known value: 0.7 kPa (5.3 mm Hg) (at 20°C) (o-Xylene). Weighted average: 0.2 kPa (1.5 mm Hg) (at 20°C)                                                                                             |
| <b>Vapor density</b>                                | :  Highest known value: 4.6 to 5.5 (Air = 1) (Solvent naphtha (petroleum), heavy arom.). Weighted average: 4.78 (Air = 1) |
| <b>Density</b>                                      | : 0.92 g/cm³ [15°C (59°F)]                                                                                                                                                                                   |
| <b>Relative density</b>                             | : Not available.                                                                                                                                                                                             |
| <b>Density</b>                                      | : 7.1 lbs/gal                                                                                                                                                                                                |
| <b>Solubility</b>                                   | : Insoluble in the following materials: cold water, hot water.                                                                                                                                               |
| <b>Partition coefficient: n-octanol/water</b>       | : Not available.                                                                                                                                                                                             |
| <b>Auto-ignition temperature</b>                    | :  Lowest known value: >200°C (>392°F) (Kerosine (petroleum)).                                                            |
| <b>Decomposition temperature</b>                    | : Not available.                                                                                                                                                                                             |

## Section 9. Physical and chemical properties

**Viscosity** : Kinematic (40°C (104°F)): 0.038 cm<sup>2</sup>/s (3.8 cSt) [ASTM D445]

### Aerosol product

**Pour point** : <-39°C

## Section 10. Stability and reactivity

**Reactivity** : ☒ No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : ☒ The product is stable.

**Possibility of hazardous reactions** : ☒ Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

**Incompatible materials** : ☒ Reactive or incompatible with the following materials:  
oxidizing materials

**Hazardous decomposition products** : ☒ Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name                    | Test                           | Species            | Result                | Dose                           |
|--------------------------------------------|--------------------------------|--------------------|-----------------------|--------------------------------|
| Solvent naphtha (petroleum), heavy arom.   | -                              | Rat                | LC50 Inhalation Vapor | >590 mg/m <sup>3</sup>         |
|                                            | -                              | Rabbit             | LD50 Dermal           | >2 mL/kg                       |
|                                            | -                              | Rabbit             | LD50 Dermal           | 2000 mg/kg                     |
|                                            | -                              | Rat                | LDLo Oral             | 5 mL/kg                        |
|                                            | -                              | Rat                | LD50 Oral             | 3567 mg/kg                     |
| o-Xylene                                   | OECD 402 Acute Dermal Toxicity | Rat - Male, Female | LD50 Dermal           | >2000 mg/kg (similar material) |
|                                            |                                | Rat - Male, Female | LD50 Oral             | 1470 mg/kg                     |
|                                            |                                | Rat                | LC50 Inhalation Vapor | >340 mg/m <sup>3</sup>         |
| Benzenesulfonic acid, C10-16-alkyl derivs. | OECD 401 Acute Oral Toxicity   | Rabbit             | LD50 Dermal           | >2000 mg/kg                    |
|                                            |                                | Rat                | LD50 Oral             | 490 mg/kg                      |
|                                            |                                | Rat                | LD50 Oral             | >15000 mg/kg                   |
| naphthalene                                | -                              | Rat                | LC50 Inhalation Vapor | >340 mg/m <sup>3</sup>         |
| Kerosine (petroleum)                       | OECD 401 Acute Oral Toxicity   | Rabbit             | LD50 Dermal           | >2000 mg/kg                    |
|                                            |                                | Rat                | LD50 Oral             | 490 mg/kg                      |
|                                            |                                | Rat                | LD50 Oral             | >15000 mg/kg                   |

**Conclusion/Summary** : ☒ Not available.

#### Potential chronic health effects

| Product/ingredient name                    | Test                                                         | Species            | Result                 | Dose                         |
|--------------------------------------------|--------------------------------------------------------------|--------------------|------------------------|------------------------------|
| Benzenesulfonic acid, C10-16-alkyl derivs. | -                                                            | Rat - Male, Female | Sub-acute NOAEL Oral   | 125 mg/kg (similar material) |
|                                            | -                                                            | Rat - Male, Female | Sub-chronic NOAEL Oral | 40 mg/kg                     |
|                                            | -                                                            | Rat - Male, Female | Sub-chronic NOAEL Oral | 85 mg/kg                     |
| Kerosine (petroleum)                       | OECD 408 Repeated Dose 90-Day Oral Toxicity Study in Rodents | Rat                | Sub-chronic NOAEL Oral | 1056 mg/kg                   |
|                                            | OECD 411 Subchronic Dermal                                   | Rat                | Sub-chronic            | >495 mg/kg                   |

**Date of issue/Date of revision** : 2020-11-18

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## Section 11. Toxicological information

|  |                                                                                    |     |                                                          |          |
|--|------------------------------------------------------------------------------------|-----|----------------------------------------------------------|----------|
|  | Toxicity: 90-day Study<br>OECD 413 Subchronic<br>Inhalation Toxicity: 90-day Study | Rat | NOAEL Dermal<br>Sub-chronic<br>NOAEC<br>Inhalation Vapor | 690 ppm  |
|  | OECD 413 Subchronic<br>Inhalation Toxicity: 90-day Study                           | Rat | Sub-chronic<br>NOAEC<br>Inhalation Vapor                 | >300 ppm |

### Irritation/Corrosion

| Product/ingredient name                       | Test                                          | Species                            | Result                                    |
|-----------------------------------------------|-----------------------------------------------|------------------------------------|-------------------------------------------|
| ✓ Solvent naphtha (petroleum),<br>heavy arom. | -                                             | Rabbit                             | Skin - Mild irritant -                    |
|                                               | -                                             | Mammal -<br>species<br>unspecified | Eyes - Mild irritant -                    |
| Benzenesulfonic acid,<br>C10-16-alkyl derivs. | OECD 405 Acute Eye Irritation/<br>Corrosion   | Rabbit                             | Eyes - Moderate irritant -                |
|                                               | OECD 404 Acute Dermal<br>Irritation/Corrosion | Rabbit                             | Skin - Severe irritant -                  |
| Kerosine (petroleum)                          | OECD 404 Acute Dermal<br>Irritation/Corrosion | Rabbit                             | Skin - Erythema/Eschar 1.22               |
|                                               | OECD 404 Acute Dermal<br>Irritation/Corrosion | Rabbit                             | Skin - Edema 1                            |
|                                               | OECD 405 Acute Eye Irritation/<br>Corrosion   | Rabbit                             | Eyes - Redness of the<br>conjunctivae 0.3 |
|                                               | OECD 405 Acute Eye Irritation/<br>Corrosion   | Rabbit                             | Eyes - Edema of the<br>conjunctivae 0     |
|                                               | OECD 405 Acute Eye Irritation/<br>Corrosion   | Rabbit                             | Eyes - Iris lesion 0                      |
|                                               | OECD 405 Acute Eye Irritation/<br>Corrosion   | Rabbit                             | Eyes - Cornea opacity 0                   |
| Stadis® 425                                   | OECD 404 Acute Dermal<br>Irritation/Corrosion | Rabbit                             | Skin - Mild irritant -                    |

### Sensitization

| Product/ingredient name                         | Test                         | Species    | Result            |
|-------------------------------------------------|------------------------------|------------|-------------------|
| ✓ Benzenesulfonic acid,<br>C10-16-alkyl derivs. | Buehler or maximization test | Guinea pig | Not sensitizing - |
| Kerosine (petroleum)                            | OECD 406 Skin Sensitization  | Guinea pig | Not sensitizing - |

### Mutagenicity

| Product/ingredient name                         | Test                                                          | Experiment                                                                                  | Result   |
|-------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------|
| ✓ Benzenesulfonic acid,<br>C10-16-alkyl derivs. | OECD 471 Bacterial Reverse<br>Mutation Test                   | Experiment: In vitro<br>Subject: Bacteria<br>Metabolic activation: with and without         | Negative |
|                                                 | OECD 476 <i>In vitro</i> Mammalian<br>Cell Gene Mutation Test | Experiment: In vitro<br>Subject: Mammalian-Animal<br>Metabolic activation: with and without | Negative |
|                                                 | OECD 474 Mammalian<br>Erythrocyte Micronucleus Test           | Experiment: In vivo<br>Subject: Mammalian-Animal                                            | Negative |
| Kerosine (petroleum)                            | OECD 471 Bacterial Reverse<br>Mutation Test                   | Experiment: In vitro<br>Subject: Bacteria<br>Metabolic activation: with and without         | Negative |

## Section 11. Toxicological information

|  |                                                                                                          |                                                          |          |
|--|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------|
|  | OECD 479 Genetic Toxicology:<br><i>In vitro</i> Sister Chromatid<br>Exchange Assay in Mammalian<br>Cells | Experiment: <i>In vitro</i><br>Subject: Mammalian-Animal | Negative |
|  | OECD 473 <i>In vitro</i> Mammalian<br>Chromosomal Aberration Test                                        | Experiment: <i>In vitro</i><br>Subject: Mammalian-Human  | Negative |
|  | OECD 474 Mammalian<br>Erythrocyte Micronucleus Test                                                      | Experiment: <i>In vivo</i><br>Subject: Mammalian-Animal  | Negative |

### Carcinogenicity

#### Classification

| Product/ingredient name | OSHA | IARC | NTP                                              |
|-------------------------|------|------|--------------------------------------------------|
| o-xylene                | -    | 3    | -                                                |
| naphthalene             | -    | 2B   | Reasonably anticipated to be a human carcinogen. |

### Reproductive toxicity

| Product/ingredient name                                               | Test                                                   | Species               | Result | Dose                                                        |
|-----------------------------------------------------------------------|--------------------------------------------------------|-----------------------|--------|-------------------------------------------------------------|
| Benzenesulfonic acid,<br>C10-16-alkyl derivs.<br>Kerosine (petroleum) | Three-generation reproductive<br>toxicity              | Rat                   | -      | Oral: 350 mg/kg<br>P. / F1 / F2                             |
|                                                                       | -                                                      | Rat                   | -      | Inhalation: >2200<br>mg/m <sup>3</sup> Fertility<br>effects |
|                                                                       | OECD 415 One-Generation<br>Reproduction Toxicity Study | Rat - Female          | -      | Oral: >1500 mg/<br>kg                                       |
|                                                                       | OECD 415 One-Generation<br>Reproduction Toxicity Study | Rat - Male,<br>Female | -      | Oral: >3000 mg/<br>kg                                       |
|                                                                       |                                                        |                       |        |                                                             |

### Teratogenicity

| Product/ingredient name |                                                   |       | Result | Dose                    |
|-------------------------|---------------------------------------------------|-------|--------|-------------------------|
| Kerosine (petroleum)    | OECD 414 Prenatal<br>Developmental Toxicity Study | Rat   | -      | >5220 mg/m <sup>3</sup> |
|                         | -                                                 | Rat   | -      | >300 ppm                |
|                         | OECD 414 Prenatal<br>Developmental Toxicity Study | Mouse | -      | 100 ppm                 |

### Specific target organ toxicity (single exposure)

| Name                                     | Category   | Route of exposure | Target organs                   |
|------------------------------------------|------------|-------------------|---------------------------------|
| Solvent naphtha (petroleum), heavy arom. | Category 3 | Not applicable.   | Narcotic effects                |
| Kerosine (petroleum)                     | Category 3 | Not applicable.   | Narcotic effects                |
| 1,2,4-trimethylbenzene                   | Category 3 | Not applicable.   | Respiratory tract<br>irritation |

### Specific target organ toxicity (repeated exposure)

| Name                 | Category   | Route of exposure | Target organs                   |
|----------------------|------------|-------------------|---------------------------------|
| Kerosine (petroleum) | Category 1 | Inhalation        | central nervous<br>system (CNS) |

### Aspiration hazard

## Section 11. Toxicological information

| Name                                                                         | Result                                                                                             |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Solvent naphtha (petroleum), heavy arom.<br>o-xylene<br>Kerosine (petroleum) | ASPIRATION HAZARD - Category 1<br>ASPIRATION HAZARD - Category 1<br>ASPIRATION HAZARD - Category 1 |

**Information on the likely routes of exposure** : Routes of entry anticipated: Oral, Dermal, Inhalation.

### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Harmful if inhaled. Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Harmful in contact with skin. Causes skin irritation.
- Ingestion** : Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness
- Skin contact** : Adverse symptoms may include the following:  
pain or irritation  
redness  
blistering may occur
- Ingestion** : Adverse symptoms may include the following:  
stomach pains  
nausea or vomiting

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Conclusion/Summary** : Not available.

**General** : Causes damage to organs through prolonged or repeated exposure.

## Section 11. Toxicological information

- Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates (ATE)

| Route | ATE value    |
|-------|--------------|
| Oral  | 7131.4 mg/kg |

**Interactive effects** : Not available.

**Other information** : Not available.

## Section 12. Ecological information

### Toxicity

| Product/ingredient name                     | Result                                              | Species                                 | Exposure |
|---------------------------------------------|-----------------------------------------------------|-----------------------------------------|----------|
| Solvent naphtha (petroleum), heavy arom.    | Acute EC50 1 to 3 mg/l                              | Algae                                   | 72 hours |
| o-xylene                                    | Acute EC50 3 to 10 mg/l                             | Daphnia                                 | 48 hours |
|                                             | Acute LC50 2 to 5 mg/l                              | Fish                                    | 96 hours |
|                                             | Acute EC50 4700 µg/l Fresh water                    | Algae - Pseudokirchneriella subcapitata | 72 hours |
| Benzenesulfonic acid, C10-16-alkyl derivs.  | Acute EC50 1.39 mg/l                                | Daphnia                                 | 48 hours |
|                                             | Acute LC50 7.6 mg/l                                 | Fish                                    | 96 hours |
|                                             | Acute EC50 29 mg/l (biomass)                        | Algae - Selenastrum capricornutum       | 96 hours |
| naphthalene                                 | Acute EC50 2.9 mg/l                                 | Daphnia - Daphnia magna Straus          | 48 hours |
|                                             | Acute LC50 1.67 mg/l Fresh water                    | Fish - Lepomis macrochirus              | 96 hours |
|                                             | Chronic NOEC 1.18 mg/l similar material Fresh water | Daphnia - Daphnia magna                 | 21 days  |
|                                             | Chronic NOEC 0.63 mg/l similar material             | Fish - Fathead minnows                  | 196 days |
|                                             | Acute EC50 1.96 mg/l Fresh water                    | Daphnia - Daphnia magna                 | 48 hours |
|                                             | Acute LC50 2350 µg/l Marine water                   | Crustaceans - Palaemonetes pugio        | 48 hours |
| Kerosine (petroleum) 1,2,4-trimethylbenzene | Acute LC50 1.6 mg/l                                 | Fish                                    | 96 hours |
|                                             | Chronic NOEC 0.5 mg/l Marine water                  | Crustaceans - Uca pugnax - Adult        | 3 weeks  |
|                                             | Chronic NOEC 1.5 mg/l Fresh water                   | Fish - Oreochromis mossambicus          | 60 days  |
|                                             | Chronic NOEC 0.097 mg/l Reproduction                | Daphnia                                 | 21 days  |
|                                             | Acute LC50 7.72 mg/l                                | Fish                                    | 96 hours |

### Persistence and degradability

| Product/ingredient name | Test                                                            | Result           |
|-------------------------|-----------------------------------------------------------------|------------------|
| Kerosine (petroleum)    | OECD 301F Ready Biodegradability - Manometric Respirometry Test | 74.7 % - 28 days |

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## Section 12. Ecological information

| Product/ingredient name                  | Aquatic half-life | Photolysis | Biodegradability |
|------------------------------------------|-------------------|------------|------------------|
| Solvent naphtha (petroleum), heavy arom. | -                 | -          | Inherent         |
| Kerosine (petroleum)                     | -                 | -          | Readily          |

### Bioaccumulative potential

| Product/ingredient name                    | LogP <sub>ow</sub> | BCF      | Potential |
|--------------------------------------------|--------------------|----------|-----------|
| Solvent naphtha (petroleum), heavy arom.   | -                  | <100     | low       |
| o-xylene                                   | 3.12               | -        | low       |
| Benzenesulfonic acid, C10-16-alkyl derivs. | 2                  | 2 to 500 | low       |
| naphthalene                                | 3.3                | >100     | low       |
| 1,2,4-trimethylbenzene                     | 4.09               | 275      | low       |

## Section 13. Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                            | DOT Classification                                                                                                                                                                  | TDG Classification                                                                                                                                   | IATA                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| UN number                  | UN1993                                                                                                                                                                              | UN1993                                                                                                                                               | UN1993                                                                                     |
| UN proper shipping name    | Flammable liquids, n.o.s. (o-Xylene, Solvent naphtha (petroleum), heavy arom.). Marine pollutant (Solvent naphtha (petroleum), heavy arom., naphthalene) RQ (naphthalene, o-Xylene) | FLAMMABLE LIQUID, N.O.S. (o-Xylene, Solvent naphtha (petroleum), heavy arom.). Marine pollutant (Solvent naphtha (petroleum), heavy arom., o-Xylene) | Flammable liquid, n.o.s. (o-Xylene, Solvent naphtha (petroleum), heavy arom.)              |
| Transport hazard class(es) | 3<br>                                                                                            | 3<br>                                                             | 3<br> |
| Packing group              | III                                                                                                                                                                                 | III                                                                                                                                                  | III                                                                                        |
|                            |                                                                                                                                                                                     |                                                                                                                                                      |                                                                                            |

## Section 14. Transport information

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental hazards</b>  | Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes.                                                                                                                                                                                                                                                                                                                                                                                                          | Yes. The environmentally hazardous substance mark is not required.                                                                                                                                                                                                                                                                                                                           |
| <b>Additional information</b> | <p>This product is not regulated as a marine pollutant when transported on inland waterways in sizes of ≤5 L or ≤5 kg or by road, rail, or inland air in non-bulk sizes, provided the packagings meet the general provisions of §§ 173.24 and 173.24a.</p> <p><b>Reportable quantity</b> 2871.3 lbs / 1303.6 kg [374.32 gal / 1416.9 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.</p> <p><b>Limited quantity</b> Yes.</p> <p><b>Packaging instruction</b><br/>Exceptions: 150. Non-bulk: 203. Bulk: 242.</p> <p><b>Quantity limitation</b> Passenger aircraft/rail: 60 L. Cargo aircraft: 220 L.</p> <p><b>Special provisions</b> B1, B52, IB3, T4, TP1, TP29</p> | <p>Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3), 2.7 (Marine pollutant mark).</p> <p>The marine pollutant mark is not required when transported by road or rail.</p> <p><b>Explosive Limit and Limited Quantity Index</b> 5</p> <p><b>Passenger Carrying Road or Rail Index</b> 60</p> <p><b>Special provisions</b> 16, 150</p> | <p>The environmentally hazardous substance mark may appear if required by other transportation regulations.</p> <p><b>Quantity limitation</b> Passenger and Cargo Aircraft: 60 L. Packaging instructions: 355. Cargo Aircraft Only: 220 L. Packaging instructions: 366. Limited Quantities - Passenger Aircraft: 10 L. Packaging instructions: Y344.</p> <p><b>Special provisions</b> A3</p> |

**Special precautions for user :** **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### Canada

#### Canadian lists

- Canada inventory** : All components are listed or exempted.
- Canadian NPRI** : The following components are listed: Heavy aromatic solvent naphtha; 1,2, 4-trimethylbenzene; naphthalene; Xylene; Solvent naphtha medium aliphatic
- CEPA Toxic substances** : The following components are listed: Naphthalene

### International lists

#### National inventory

- Australia inventory (AICS)** : All components are listed or exempted.
- Canada inventory** : All components are listed or exempted.
- China inventory (IECSC)** : All components are listed or exempted.
- Europe inventory** : All components are listed or exempted.

## Section 15. Regulatory information

|                                                   |                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Japan inventory (ENCS)</b>                     | : <b>Japan inventory (ENCS):</b> All components are listed or exempted.<br><b>Japan inventory (ISHL):</b> All components are listed or exempted. |
| <b>New Zealand Inventory of Chemicals (NZIoC)</b> | : All components are listed or exempted.                                                                                                         |
| <b>Philippines inventory (PICCS)</b>              | : All components are listed or exempted.                                                                                                         |
| <b>Korea inventory (KECI)</b>                     | : All components are listed or exempted.                                                                                                         |
| <b>Taiwan inventory (TCSI)</b>                    | : All components are listed or exempted.                                                                                                         |
| <b>United States inventory (TSCA 8b)</b>          | : All components are listed or exempted.                                                                                                         |

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

|                  |   |
|------------------|---|
| Health           | 3 |
| Flammability     | 3 |
| Physical hazards | 0 |
|                  |   |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

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### National Fire Protection Association (U.S.A.)



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### Classification according to Directive 67/548/EEC [DSD] or Classification according to Directive 1999/45/EC [DPD]

|                       |                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Risk phrases</b>   | : R10- Flammable.<br>R40- Limited evidence of a carcinogenic effect.<br>R20/21- Harmful by inhalation and in contact with skin.<br>R65- Harmful: may cause lung damage if swallowed.<br>R36- Irritating to eyes.<br>R66- Repeated exposure may cause skin dryness or cracking.<br>R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| <b>Safety phrases</b> | : S36/37- Wear suitable protective clothing and gloves.<br>S61- Avoid release to the environment. Refer to special instructions/safety data sheet.                                                                                                                                                                                                                                    |

### History

**Date of issue/Date of revision** : 2020-11-18

## Section 16. Other information

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date of printing</b>               | : 2020-11-18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Date of issue/Date of revision</b> | : 2020-11-18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Date of previous issue</b>         | : 2017-12-05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Version</b>                        | : 1.01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Key to abbreviations</b>           | : ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>UN = United Nations |

Indicates information that has changed from previously issued version.

### Notice to reader

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