

**TERASIL® VIOLET BLUE XKS 600**

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue:             |
| 2.0     | 10/08/2020     | 400001013355 | 02/14/2018                      |
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**SECTION 1. IDENTIFICATION**

Product name : TERASIL® VIOLET BLUE XKS 600

**Manufacturer or supplier's details**

Company name of supplier : Huntsman International LLC  
Address : P.O. Box 4980  
The Woodlands,  
TX 77387  
United States of America (USA)  
Telephone : Cust ser: (888) 514 4558

E-mail address of person responsible for the SDS : Global\_Product\_EHS\_TE@huntsman.com

Emergency telephone number : Chemtrec: (800) 424-9300 or (703) 527-3887

**Recommended use of the chemical and restrictions on use**

Recommended use : Textile dye

Restrictions on use : For industrial use only.

**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Eye irritation : Category 2A

Skin sensitisation : Category 1

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves/ eye protection/ face protection.  
**Response:**

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P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

**Storage:**

Not available

**Disposal:**

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Mixture

**Hazardous components**

| Chemical name                                                            | CAS-No.     | Concentration (% w/w) |
|--------------------------------------------------------------------------|-------------|-----------------------|
| glycerol                                                                 | 56-81-5     | 20 - 30               |
| Lignin, alkali, reaction products with disodium sulfite and formaldehyde | 105859-97-0 | 1 - 5                 |
| 1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone         | 1594-08-7   | 1 - 5                 |
| 2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated                       | 9014-85-1   | 1 - 5                 |

The specific chemical identity and/or exact percentage (concentration) of composition may be withheld as a trade secret.

**SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Treat symptomatically.  
Get medical attention if symptoms occur.

If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.

In case of skin contact : If on skin, rinse well with water.

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- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
- Protection of first-aiders : First Aid responders should pay attention to self-protection and use the recommended protective clothing  
If potential for exposure exists refer to Section 8 for specific personal protective equipment.  
Avoid inhalation, ingestion and contact with skin and eyes.  
No action shall be taken involving any personal risk or without suitable training.  
It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- Notes to physician : Treat symptomatically.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Unsuitable extinguishing media : Exercise caution when using a high volume water jet as it may scatter and spread fire
- Specific hazards during firefighting : No information available.
- Hazardous combustion products : Carbon oxides  
Sulphur oxides  
Formaldehyde
- Specific extinguishing methods : No data is available on the product itself.
- Further information : No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.  
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Keep in properly labelled containers.
- Materials to avoid : For incompatible materials please refer to Section 10 of this SDS.
- Recommended storage temperature : 32 - 86 °F / 0 - 30 °C
- Further information on storage stability : Stable under normal conditions.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

| Components | CAS-No. | Value type | Control | Basis |
|------------|---------|------------|---------|-------|
|------------|---------|------------|---------|-------|

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|          |         | (Form of exposure)               | parameters / Permissible concentration |          |
|----------|---------|----------------------------------|----------------------------------------|----------|
| glycerol | 56-81-5 | TWA (mist, respirable fraction)  | 5 mg/m <sup>3</sup>                    | OSHA Z-1 |
|          |         | TWA (mist, total dust)           | 15 mg/m <sup>3</sup>                   | OSHA Z-1 |
|          |         | TWA (Mist - total dust)          | 10 mg/m <sup>3</sup>                   | OSHA P0  |
|          |         | TWA (Mist - respirable fraction) | 5 mg/m <sup>3</sup>                    | OSHA P0  |

**Personal protective equipment**

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

Material : Neoprene gloves  
 Break through time : 10 - 480 min

Remarks

: Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).  
 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.  
 The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Eye wash bottle with pure water  
 Tightly fitting safety goggles  
 Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection

: Impervious clothing  
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: When using do not eat or drink.  
 When using do not smoke.  
 Wash hands before breaks and at the end of workday.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                                  |                                                  |
|--------------------------------------------------|--------------------------------------------------|
| Appearance                                       | : dispersion                                     |
| Colour                                           | : violet                                         |
| Odour                                            | : characteristic                                 |
| Odour Threshold                                  | : No data is available on the product itself.    |
| pH                                               | : 6 - 8 (68 °F / 20 °C)<br>Concentration: 20 g/l |
| Melting point/freezing point                     | : No data is available on the product itself.    |
| Boiling point                                    | : 212 °F / 100 °C                                |
| Flash point                                      | : > 212 °F / > 100 °C<br>Method: closed cup      |
| Evaporation rate                                 | : No data is available on the product itself.    |
| Flammability (solid, gas)                        | : No data is available on the product itself.    |
| Flammability (liquids)                           | : No data is available on the product itself.    |
| Upper explosion limit / Upper flammability limit | : No data is available on the product itself.    |
| Lower explosion limit / Lower flammability limit | : No data is available on the product itself.    |
| Vapour pressure                                  | : No data is available on the product itself.    |
| Relative vapour density                          | : No data is available on the product itself.    |
| Relative density                                 | : No data is available on the product itself.    |
| Density                                          | : 1.02 g/cm <sup>3</sup> (68 °F / 20 °C)         |
| Solubility(ies)                                  |                                                  |
| Water solubility                                 | : dispersible                                    |
| Solubility in other solvents                     | : No data is available on the product itself.    |
| Partition coefficient: n-octanol/water           | : No data is available on the product itself.    |
| Auto-ignition temperature                        | : No data is available on the product itself.    |
| Thermal decomposition                            | : No data is available on the product itself.    |
| Self-Accelerating decomposition temperature      | : No data is available on the product itself.    |

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(SADT)

Viscosity : No data is available on the product itself.

Explosive properties : No data is available on the product itself.

Oxidizing properties : None.

Particle size : No data is available on the product itself.

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No hazards to be specially mentioned.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : carbon dioxide  
carbon monoxide  
Sulphur Oxides  
formaldehyde

**SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure : No data is available on the product itself.

**Acute toxicity****Components:**

glycerol:

Acute oral toxicityComponents : Assessment: The substance or mixture has no acute oral toxicity

Lignin, alkali, reaction products with disodium sulfite and formaldehyde:

Acute oral toxicityComponents : LD50 (Rat): > 5,000 mg/kg  
Assessment: The substance or mixture has no acute oral toxicity

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:

Acute oral toxicityComponents : LD50 (Rat, male): > 2,000 mg/kg  
Method: OECD Test Guideline 401  
Assessment: The substance or mixture has no acute oral toxicity

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LD50 (Rat, female): > 2,000 mg/kg  
Method: OECD Test Guideline 401  
Assessment: The substance or mixture has no acute oral toxicity

LD50 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 401  
Assessment: The substance or mixture has no acute oral toxicity

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:

Acute oral toxicity : LD50 (Rat): 6,300 mg/kg  
Components : Method: No information available.

**Components:**

glycerol:

Acute inhalation toxicity : LC50 (Rat): 4 mg/l  
Exposure time: 6 h  
Test atmosphere: dust/mist

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:

Acute inhalation toxicity : LC0 (Rat, male and female): > 20 mg/l  
Exposure time: 1 h  
Test atmosphere: dust/mist

**Components:**

glycerol:

Acute dermal toxicity : LD50 (Rabbit): 10,000 mg/kg

Acute toxicity (other routes of administration) : No data available

**Skin corrosion/irritation****Components:**

glycerol:

Species: Rabbit

Assessment: No skin irritation

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:

Species: Rabbit

Assessment: No skin irritation

Method: OECD Test Guideline 404

Result: No skin irritation

**Serious eye damage/eye irritation****Components:**

glycerol:



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Species: Rabbit  
Assessment: No eye irritation

Lignin, alkali, reaction products with disodium sulfite and formaldehyde:  
Result: Eye irritation

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:  
Species: Rabbit  
Result: No eye irritation  
Assessment: No eye irritation  
Method: OECD Test Guideline 405

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:  
Species: Rabbit  
Result: Corrosive  
Assessment: Corrosive

**Respiratory or skin sensitisation****Components:**

Lignin, alkali, reaction products with disodium sulfite and formaldehyde:  
Species: Guinea pig  
Result: Does not cause skin sensitisation.

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:  
Exposure routes: Skin  
Species: Guinea pig  
Assessment: The product is a skin sensitiser, sub-category 1B.  
Method: OECD Test Guideline 406  
Result: Causes sensitisation.

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:  
Exposure routes: Skin  
Species: Mouse  
Method: OECD Test Guideline 429  
Result: Does not cause skin sensitisation.

Assessment: No data available

**Germ cell mutagenicity****Components:**

Lignin, alkali, reaction products with disodium sulfite and formaldehyde:  
Genotoxicity in vitro : Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:  
Genotoxicity in vitro : Method: OECD Test Guideline 476  
Result: negative

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:  
Genotoxicity in vitro : Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 473  
Result: negative

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Test Type: reverse mutation assay  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : No data available

Germ cell mutagenicity-  
Assessment : No data available

**Carcinogenicity**

No data available

Carcinogenicity -  
Assessment : No data available

**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

Effects on fertility : No data available

Effects on foetal  
development : No data available

Reproductive toxicity -  
Assessment : No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No data available

**Repeated dose toxicity****Components:**

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:  
Species: Dog, male and female  
NOEL: 200 mg/kg/d

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Application Route: Ingestion  
Exposure time: 2,184 h  
Number of exposures: 7 d  
Method: Subchronic toxicity

Species: Rat, male and female  
NOAEL: > 6000 ppm  
Application Route: Ingestion  
Exposure time: 672 h  
Number of exposures: 7 d  
Method: Subacute toxicity

Repeated dose toxicity - : No data available  
Assessment

**Aspiration toxicity**

No data available

**Experience with human exposure**

General Information: No data available

Inhalation: No data available

Skin contact: No data available

Eye contact: No data available

Ingestion: No data available

**Toxicology, Metabolism, Distribution**

No data available

**Neurological effects**

No data available

**Further information**

Ingestion: No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxicity to fish - Product : LC50: > 300 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

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**Components:**

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

NOEC: &gt; 100 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:

Toxicity to daphnia and other aquatic invertebrates : LC50 (Acartia tonsa): 166 mg/l  
Exposure time: 48 h  
Test Type: static test  
Test substance: Fresh water  
Method: ISO 14669 and PARCOM method

**Components:**

glycerol:

Toxicity to algae/aquatic plants : IC50: > 2,900 mg/l  
Exposure time: 72 h

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:

Toxicity to algae/aquatic plants : ErC50 (Lemna minor (common duckweed)): > 100 mg/l  
Exposure time: 7 d  
Test Type: semi-static test  
Method: OECD Test Guideline 221  
GLP: yes

**Components:**

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:

M-Factor (Acute aquatic toxicity) : 1  
Toxicity to fish (Chronic toxicity) : No data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available

M-Factor (Chronic aquatic toxicity) : No data available

**Components:**

Lignin, alkali, reaction products with disodium sulfite and formaldehyde:

Toxicity to microorganisms : IC50: > 1,000 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:

Toxicity to microorganisms : IC50: > 320 mg/l  
Exposure time: 3 h  
Method: OECD Test Guideline 209

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Toxicity to soil dwelling organisms : No data available

Plant toxicity : No data available

Sediment toxicity : No data available

Toxicity to terrestrial organisms : No data available

Ecotoxicology Assessment  
Acute aquatic toxicity : No data available

**Components:**

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Toxicity Data on Soil : No data available

Other organisms relevant to the environment : No data available

**Persistence and degradability**

Biodegradability - Product : Result: Inherently biodegradable.  
Biodegradation: 70 - 80 %  
Exposure time: 28 d  
Method: OECD Test Guideline 302B

Biochemical Oxygen Demand (BOD) - Product : 260 mgO<sub>2</sub>/g

Chemical Oxygen Demand (COD) - Product : 443 mgO<sub>2</sub>/g  
BOD/COD : No data available

ThOD : No data available

BOD/ThOD : No data available

Dissolved organic carbon (DOC) : No data available

Physico-chemical removability : No data available

**Components:**

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:

Stability in water : Degradation half life(DT50): > 1 yr (77 °F / 25 °C) pH: 4  
Method: OECD Test Guideline 111  
Remarks: Fresh water

Degradation half life(DT50): > 1 yr (77 °F / 25 °C) pH: 7  
Method: OECD Test Guideline 111  
Remarks: Fresh water

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Degradation half life(DT50): > 1 yr (77 °F / 25 °C) pH: 9  
Method: OECD Test Guideline 111  
Remarks: Fresh water

Photodegradation : No data available

Impact on Sewage Treatment : No data available

**Bioaccumulative potential****Components:**

glycerol:

Bioaccumulation : Bioconcentration factor (BCF): 99

2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated:

Bioaccumulation : Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): < 24  
Exposure time: 28 d  
Test substance: Fresh water  
Method: flow-through test  
Remarks: Does not bioaccumulate.

**Components:**

glycerol:

Partition coefficient: n-octanol/water : log Pow: 1.76 - 2.6

Lignin, alkali, reaction products with disodium sulfite and formaldehyde:

Partition coefficient: n-octanol/water : log Pow: < 3 (68 °F / 20 °C)

1-hydroxy-4-[[4-[(methylsulphonyl)oxy]phenyl]amino]anthraquinone:

Partition coefficient: n-octanol/water : log Pow: 3.72

**Mobility in soil**

Mobility : No data available

Distribution among environmental compartments : No data available

Stability in soil : No data available

**Other adverse effects**

Environmental fate and pathways : No data available

Results of PBT and vPvB assessment : No data available

Endocrine disrupting potential : No data available

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Adsorbed organic bound  
halogens (AOX) - Product : 0 %

**Hazardous to the ozone layer**

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82  
Protection of Stratospheric Ozone - CAA Section 602 Class I  
Substances  
Remarks: This product neither contains, nor was  
manufactured with a Class I or Class II ODS as defined by the  
U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +  
B).

Additional ecological : Metal content under the ETAD recommended limits.

information - Product

Global warming potential : No data available  
(GWP)

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with  
chemical or used container.  
Send to a licensed waste management company.  
Dispose of as hazardous waste in compliance with local and  
national regulations.  
Dispose of contents/ container to an approved waste disposal  
plant.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION****International Regulations****IATA**

Not regulated as dangerous goods

**IMDG**

Not regulated as dangerous goods

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****DOT Classification**

**TERASIL® VIOLET BLUE XKS 600**

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Not regulated as dangerous goods

**SECTION 15. REGULATORY INFORMATION****CERCLA Reportable Quantity**

| Components       | CAS-No.   | Component RQ (lbs) | Calculated product RQ (lbs) |
|------------------|-----------|--------------------|-----------------------------|
| sodium hydroxide | 1310-73-2 | 1000               | *                           |

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 311/312 Hazards** : Respiratory or skin sensitisation  
Serious eye damage or eye irritation

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

**California Prop. 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**The components of this product are reported in the following inventories:**

DSL : All components of this product are on the Canadian DSL

AICS : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

TCSI : On the inventory, or in compliance with the inventory

TSCA : All substances listed as active on the TSCA inventory

**Inventories**

AICS (Australia), AIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

**TSCA - 5(a) Significant New Use Rule List of Chemicals**

No substances are subject to a Significant New Use Rule.

**US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)**

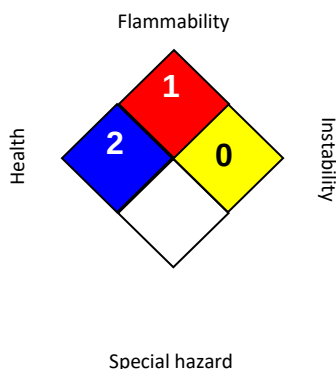


**TERASIL® VIOLET BLUE XKS 600**

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No substances are subject to TSCA 12(b) export notification requirements.

**SECTION 16. OTHER INFORMATION****Further information****NFPA 704:****HMIS® IV:**

|                 |  |   |
|-----------------|--|---|
| HEALTH          |  | 2 |
| FLAMMABILITY    |  | 1 |
| PHYSICAL HAZARD |  | 0 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard

|                |   |                                                                                  |
|----------------|---|----------------------------------------------------------------------------------|
| Revision Date  | : | 10/08/2020                                                                       |
| OSHA P0        | : | USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000                    |
| OSHA Z-1       | : | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| OSHA P0 / TWA  | : | 8-hour time weighted average                                                     |
| OSHA Z-1 / TWA | : | 8-hour time weighted average                                                     |

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IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

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**TERASIL® VIOLET BLUE XKS 600**

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