

GENAPOL LA 070 S

0180

Page 1

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

## SECTION 1. IDENTIFICATION

|                                       |                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Identification of the company:</b> | Clariant Corporation<br>500 East Morehead Street<br>Charlotte, NC, 28202<br>Telephone No.: +1 704 331 7000                       |
|                                       | <b>Information of the substance/preparation:</b><br>BU Industrial & Consumer Specialties<br>Product Stewardship, +1-704-331-7710 |
|                                       | <b>Emergency tel. number:</b> +1 800-424-9300(CHEMTREC)                                                                          |

|                             |                                                  |             |
|-----------------------------|--------------------------------------------------|-------------|
| <b>Trade name:</b>          | <b>GENAPOL LA 070 S</b>                          | <b>0180</b> |
| <b>Material number:</b>     | 195472                                           |             |
| <b>CAS number:</b>          | 68551-12-2                                       |             |
| <b>Synonyms:</b>            | Alkyloxypolyethyleneoxyethanol Alcohol Polyether |             |
| <b>Formula:</b>             | Mixture                                          |             |
| <b>Primary product use:</b> | Raw material for detergents                      |             |
| <b>Chemical family:</b>     | Ethoxylated Fatty Alcohol                        |             |

## SECTION 2. HAZARDS IDENTIFICATION

## GHS classification in accordance with 29 CFR 1910.1200

Acute toxicity (Oral) : Category 4

Serious eye damage : Category 1

## GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.  
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear eye protection/ face protection.

**Response:**  
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

GENAPOL LA 070 S

0180

Page 2

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

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/doctor.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

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

Substance / Mixture : Substance

Substance name : Ethoxylated Fatty Alcohol

CAS-No. : 68551-12-2

**Hazardous components**

| Chemical name               | CAS-No.    | Concentration (% w/w) |
|-----------------------------|------------|-----------------------|
| Ethoxylated C12-16 Alcohols | 68551-12-2 | 60 - 100              |

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

**SECTION 4. FIRST AID MEASURES**

General advice : Remove/Take off immediately all contaminated clothing.

If inhaled : Move the victim to fresh air.  
Give oxygen or artificial respiration if needed.  
Get immediate medical advice/ attention.  
Never give anything by mouth to an unconscious person.

In case of skin contact : Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

In case of eye contact : Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

If swallowed : If conscious, give the patient 1-2 glasses of water (8-16 oz.) and call a doctor. Never give anything by mouth to an unconscious person. Induce vomiting only at the instructions of a doctor or nurse.

Most important symptoms and effects, both acute and delayed : corrosive effects  
Damage  
The possible symptoms known are those derived from the labelling (see section 2).

GENAPOL LA 070 S

0180

Page 3

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

No additional symptoms are known.

Notes to physician : Treat symptomatically.

---

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water spray

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Thermal decomposition may produce:  
Carbon oxides

Burning produces noxious and toxic fumes.

Emits toxic fumes under fire conditions. Product floats on water creating a potential floating fire hazard..

Further information : Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and protective equipment.

Wear self-contained breathing apparatus and protective suit. Do not use a solid water stream as it may scatter and spread fire.

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

---

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Wear suitable protective clothing.  
Wearing appropriate personal protective equipment, contain spill, collect into suitable container. For large spills, contain spills with dikes of soil or commercially available diking material and collect into suitable containers for disposal. Avoid washing spills into sewers and waterways. This product is toxic to fish in concentrations of 1 to 10 mg/l.

Environmental precautions : Do not allow to enter drains or waterways

Methods and materials for containment and cleaning up : Pick up with absorbent material (eg sand, sawdust). Rinse away rest with water

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 4

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

## SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Observe the general rules of industrial fire protection

Advice on safe handling : Avoid contact with skin and eyes.

Technical measures/Precautions : Keep container closed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

### Personal protective equipment

Respiratory protection : If aerosols, mists, or dusts are generated from the use of this product or in conjunction with spill cleanup or emergency response, use NIOSH /MSHA approved respiratory protection.

Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure

Hand protection  
Remarks : Butyl Rubber, PVC Or Neoprene.

Butyl Rubber, PVC Or Neoprene.

Eye protection : Tightly fitting safety goggles  
Face-shield

Skin and body protection : Protective clothing to minimize skin contact should be worn. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eyewash stations should be provided in all areas where this material is handled. Wear suitable protective equipment.

Protective measures : Avoid contact with skin.  
Avoid contact with eyes.

Hygiene measures : Wash hands before breaks and at the end of workday.  
Use protective skin cream before handling the product.  
Take off immediately all contaminated clothing.

GENAPOL LA 070 S

0180

Page 5

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                                  |                                          |
|--------------------------------------------------|------------------------------------------|
| Appearance                                       | : Liquid                                 |
| Colour                                           | : cloudy                                 |
| Odour                                            | : characteristic                         |
| Odour Threshold                                  | : not determined                         |
| pH                                               | : 6.0 - 7.5<br>Concentration: 10 g/l 1 % |
| Melting point                                    | : 15 °C                                  |
| Boiling point                                    | : 275 °C                                 |
| Flash point                                      | : 176 °C                                 |
| Evaporation rate                                 | : < 0.1<br>Butyl Acetate                 |
| Flammability (solid, gas)                        | : Not applicable                         |
| Self-ignition                                    | : Not applicable                         |
| Burning number                                   | : Not applicable                         |
| Upper explosion limit / upper flammability limit | : Not applicable                         |
| Lower explosion limit / Lower flammability limit | : Not applicable                         |
| Vapour pressure                                  | : < 0.01 Torr                            |
| Relative vapour density                          | : > 1                                    |
| Density                                          | : 0.97 g/cm <sup>3</sup> (20 °C)         |
| Bulk density                                     | : Not applicable                         |
| Solubility(ies)                                  |                                          |
| Water solubility                                 | : miscible, slightly soluble             |
| Solubility in other solvents                     | : not tested.<br>Solvent: fat            |
| Partition coefficient: n-octanol/water           | : log Pow: 6                             |
| Auto-ignition temperature                        | : not tested.                            |

# SAFETY DATA SHEET



**GENAPOL LA 070 S**

**0180**

Page 6

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Decomposition temperature : 130 °C

Viscosity

Viscosity, dynamic : not determined

Viscosity, kinematic : not determined

Explosive properties : no data available

Oxidizing properties : Not applicable

Dust explosion class : not capable of dust explosion

Minimum ignition energy : not tested.

Particle size : Not applicable

## 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 dangerous reaction known under conditions of normal use.  
Stable

Conditions to avoid : Strong acids and oxidizing agents  
Strong bases

Incompatible materials : Strong acids and strong bases  
Strong oxidizing agents

Hazardous decomposition products : When handled and stored appropriately, no dangerous decomposition products are known

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Eye contact

Skin contact

Ingestion

Inhalation

### Acute toxicity

#### Product:

Acute oral toxicity : LD50 (Rat): 500 - 2,000 mg/kg

Assessment: The component/mixture is moderately toxic after single ingestion.

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 7

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

## **Components:**

### **Ethoxylated C12-16 Alcohols:**

Acute oral toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes  
Remarks: By analogy with a product of similar composition

Acute inhalation toxicity : LC50 (Rat, male and female): > 1.6 mg/l  
Exposure time: 4 h  
Method: OECD Test Guideline 403  
GLP: no  
Remarks: By analogy with a product of similar composition

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: no  
Remarks: By analogy with a product of similar composition

## **Skin corrosion/irritation**

### **Product:**

Species: Rabbit  
Result: No skin irritation

## **Components:**

### **Ethoxylated C12-16 Alcohols:**

Species: Rabbit  
Exposure time: 4 h  
Method: OECD Test Guideline 404  
Result: No skin irritation  
GLP: no  
Remarks: By analogy with a product of similar composition

## **Serious eye damage/eye irritation**

### **Product:**

Species: Rabbit  
Result: Risk of serious damage to eyes.

## **Components:**

### **Ethoxylated C12-16 Alcohols:**

Species: rabbit eye  
Result: Eye irritation  
Method: OECD Test Guideline 405  
GLP: no

GENAPOL LA 070 S

0180

Page 8

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Remarks: By analogy with a product of similar composition

**Respiratory or skin sensitisation****Product:**

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitisation on laboratory animals.

**Components:****Ethoxylated C12-16 Alcohols:**

Test Type: Guinea pig maximization test

Exposure routes: Dermal

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Not a skin sensitizer.

GLP: yes

Remarks: By analogy with a product of similar composition

**Germ cell mutagenicity****Product:**Germ cell mutagenicity - : No information available.  
Assessment**Components:****Ethoxylated C12-16 Alcohols:**Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Concentration: 1,5 - 5000 µg/plate  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
GLP: yes  
Remarks: By analogy with a product of similar compositionTest Type: Chromosome Aberration Test  
Test system: Chinese hamster ovary cells  
Concentration: 5 - 50 µg/ml  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 473  
Result: negative  
GLP: No information available.  
Remarks: By analogy with a product of similar compositionGenotoxicity in vivo : Test Type: Chromosome Aberration Test  
Species: Rat (male and female)  
Strain: Sprague-Dawley  
Cell type: Bone marrow  
Application Route: oral (gavage)

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 9

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Exposure time: 1 x in 12 - 24 - 48 h  
Dose: 375-450-750-900-1500 mg/kg  
Method: OECD Test Guideline 475  
Result: negative  
GLP: No information available.  
Test substance: other TS

Germ cell mutagenicity - Assessment : It is concluded that the product is not mutagenic based on evaluation of several mutagenicity tests.

## Carcinogenicity

### Product:

Carcinogenicity - Assessment : No information available.

### Components:

#### **Ethoxylated C12-16 Alcohols:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

IARC Not listed

OSHA Not listed

NTP Not listed

## Reproductive toxicity

### Product:

Reproductive toxicity - Assessment : No information available.  
No information available.

### Components:

#### **Ethoxylated C12-16 Alcohols:**

Effects on fertility : Test Type: Two-generation study  
Species: Rat, male and female  
Strain: Fischer F344  
Application Route: Dermal  
Dose: 1-10-25 %(w/v)/unit area  
Frequency of Treatment: 3 days/week  
General Toxicity - Parent: NOAEL: >= 250 mg/kg body weight  
General Toxicity F1: NOAEL: >= 250 mg/kg body weight  
General Toxicity F2: NOAEL: >= 250 mg/kg body weight  
Method: OECD Test Guideline 416  
GLP: no  
Remarks: By analogy with a product of similar composition

Reproductive toxicity - Assessment : No reproductive toxicity to be expected.  
No teratogenic effects to be expected.

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 10

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

## STOT - single exposure

### Product:

Remarks: no data available

### Components:

#### **Ethoxylated C12-16 Alcohols:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

## STOT - repeated exposure

### Product:

Remarks: no data available

### Components:

#### **Ethoxylated C12-16 Alcohols:**

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

## Repeated dose toxicity

### Product:

Remarks: no data available

### Components:

#### **Ethoxylated C12-16 Alcohols:**

Species: Rat, male and female

NOAEL: 1,000 mg/kg

Application Route: oral (gavage)

Exposure time: 28 d

Number of exposures: daily

Dose: 100 - 500 - 1000 mg/kg

Group: yes

Method: Directive 67/548/EEC, Annex V, B.7.

GLP: yes

Remarks: By analogy with a product of similar composition

Application Route: Inhalation

Remarks: This information is not available.

Application Route: Skin contact

Remarks: This information is not available.

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 11

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

## Aspiration toxicity

### Product:

no data available

### Components:

#### **Ethoxylated C12-16 Alcohols:**

No aspiration toxicity classification

## Experience with human exposure

### Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 1 - 10 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : Remarks: no data available

Toxicity to algae : Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

### Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

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

### Components:

#### **Ethoxylated C12-16 Alcohols:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0.876 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Analytical monitoring: yes  
Method: Directive 67/548/EEC, Annex V, C.1.  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.39 mg/l  
Exposure time: 48 h  
Test Type: static test

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 12

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Analytical monitoring: no  
Method: Tested according to Directive 92/69/EEC.  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to algae : EC50 (*Pseudokirchneriella subcapitata* (green algae)): 0.19 mg/l  
End point: Biomass  
Exposure time: 72 h  
Test Type: static test  
Analytical monitoring: no  
Method: OECD Test Guideline 201  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.

M-Factor (Acute aquatic toxicity) : 1

Toxicity to fish (Chronic toxicity) : NOEC (*Lepomis macrochirus* (Bluegill sunfish)): 0.16 mg/l  
Exposure time: 10 d  
Test Type: flow-through test  
Analytical monitoring: yes  
Method: Other  
GLP: no  
Remarks: By analogy with a product of similar composition

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (*Daphnia magna* (Water flea)): 0.77 mg/l  
End point: Reproduction rate  
Exposure time: 21 d  
Test Type: flow-through test  
Analytical monitoring: yes  
Method: Other  
GLP: no  
Remarks: By analogy with a product of similar composition

Toxicity to microorganisms : EC50 (*Pseudomonas putida*): > 10,000 mg/l  
End point: Bacteria toxicity (growth inhibition)  
Exposure time: 16.9 h  
Test Type: aquatic  
Analytical monitoring: no  
Method: DIN 38412  
GLP: yes  
Remarks: The details of the toxic effect relate to the nominal concentration.

Toxicity to soil dwelling organisms : Test Type: artificial soil  
LC50 (*Eisenia fetida* (earthworms)): > 1,000 mg/kg  
Exposure time: 14 d  
End point: mortality  
Method: OECD Test Guideline 207  
GLP: yes

GENAPOL LA 070 S

0180

Page 13

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Remarks: By analogy with a product of similar composition  
The details of the toxic effect relate to the nominal  
concentration.

Plant toxicity : NOEC (Triticum aestivm (wheat)): 100 mg/kg  
Exposure time: 19 d  
End point: emergence  
Method: OECD Guide-line 208  
GLP: yes

NOEC (Brassica alba (mustard)): 100 mg/kg  
Exposure time: 19 d  
End point: emergence  
Method: OECD Guide-line 208  
GLP: yes

NOEC (Lepidium sativum (cress)): 100 mg/kg  
Exposure time: 19 d  
End point: emergence  
Method: OECD Guide-line 208  
GLP: yes

Sediment toxicity : Remarks: Not applicable

Toxicity to terrestrial organisms : Remarks: Not applicable

### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

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

### Persistence and degradability

#### Product:

Biodegradability : Biodegradation: 87 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E  
Remarks: Readily biodegradable, according to appropriate  
OECD test.

Biodegradation: 66 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

#### Components:

##### Ethoxylated C12-16 Alcohols:

Biodegradability : aerobic  
Inoculum: activated sludge  
Concentration: 100 mg ThOD/l  
Biochemical oxygen demand

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 14

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Result: Readily biodegradable.  
Biodegradation: 95 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
GLP: no

Physico-chemical removability : Remarks: Readily biodegradable, according to appropriate OECD test.

Stability in water : Remarks: Not applicable

## Bioaccumulative potential

### Product:

Bioaccumulation : Remarks: no data available

### Components:

#### Ethoxylated C12-16 Alcohols:

Bioaccumulation : Species: Pimephales promelas (fathead minnow)  
Bioconcentration factor (BCF): 12.7 - 237  
Exposure time: 24 h  
Temperature: 21 °C  
Concentration: 0,029 - 0,57 mM  
Method: Other  
GLP: no  
Remarks: By analogy with a product of similar composition  
Does not bioaccumulate.

## Mobility in soil

### Product:

Distribution among environmental compartments : Remarks: no data available

### Components:

#### Ethoxylated C12-16 Alcohols:

Distribution among environmental compartments : Adsorption/Soil  
Medium: water - soil  
log Koc: ca. 2.7 - 3.2  
Method: estimated

## Other adverse effects

### Product:

Additional ecological information : no data available

### Components:

#### Ethoxylated C12-16 Alcohols:

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 15

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

Environmental fate and pathways : not available

Results of PBT and vPvB assessment : The substance is not identified as a PBT or as a vPvB substance.

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act Waste Code : No -- Not as sold.

Waste from residues : Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

## SECTION 14. TRANSPORT INFORMATION

### DOT Regulation:

Proper shipping name: Environmentally hazardous substances, liquid, n.o.s.

Hazard class: 9

Packing group: III

UN/NA-number: UN 3082

Primary hazard class: 9

Technical Name: Alcohol C12-C16 Poly (1-6) Ethoxylate

Emergency Response Guide: 171

IATA not restricted

IMDG not restricted

### Further information:

According to 49CFR not regulated for surface or air transportation in non-bulk containers under 119 gallons (liquid) or 882 pounds (solid).  
Non-dangerous good of class 9 for packagings <= 5 L / 5 kg

## SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know Act

### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 16

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

## SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute toxicity (any route of exposure)  
Serious eye damage or eye irritation

**SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

## Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

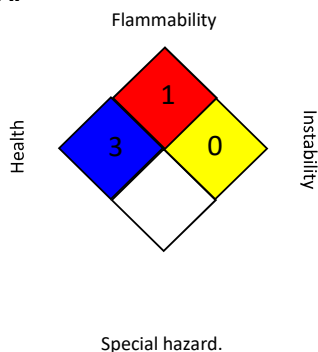
## The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory, All components are compliant with the TSCA Inventory Notification (Active) rule.

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -

# SAFETY DATA SHEET



GENAPOL LA 070 S

0180

Page 17

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

This product may contain trace amounts of Ethylene Oxide (75-21-8) which may accumulate in the headspace of shipping and storage containers and in enclosed areas where the product is handled or used and as such may be regulated by OSHA's Ethylene Oxide standard (29 CFR 1910.1047). Ethylene Oxide is listed as a human carcinogen by OSHA; and a potential human carcinogen by NTP and IARC. At excess levels, Ethylene Oxide may present reproductive, mutagenic, genotoxic, neurologic, and sensitization hazards in humans. Users should monitor personnel to determine levels of exposure and take appropriate action to protect employees and to comply with the OSHA standard. OSHA Ethylene Oxide exposure limit: OSHA Action level: 0.5 ppm for 8-hr twa. OSHA Permissible Exposure limit: 1 ppm for 8-hr twa. OSHA Excursion limit: 5 ppm for 15 minutes. ACGIH Threshold Limit value for Ethylene Oxide: 1 ppm for 8-hr twa.

Revision Date : 01/28/2019

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

US / EN

# SAFETY DATA SHEET



**GENAPOL LA 070 S**

**0180**

Page 18

---

Substance key: CLT200068-V1

Revision Date: 01/28/2019

Version : 3 - 0 / USA

Date of printing :01/13/2022

---