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0180

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Version : 6 - 0 / USA

Revision Date: 08/26/2025
Date of printing :09/18/2025

SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Corporation 500 East Morehead Street Charlotte, NC, 28202 Telephone No.: +1 704 331 7000
	Information of the substance/preparation: Product Stewardship, +1-704-331-7710 e-mail: SDS.NORAM@clariant.com
	Emergency tel. number: +1 800-424-9300 CHEMTREC

Trade name:	GENAPOL O 200	0180
Material number:	107772	
CAS number:	68920-66-1	
Synonyms:	Product Has No Synonyms	
Primary product use:	Wetting agent Emulsifier	
Primary product use:	Raw material for cosmetics	
Chemical family:	A fatty alcohol polyglycol ether	

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards for the product as supplied

Eye irritation : Category 2A

Other hazards

No additional hazards are known except those derived from the labelling.

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.

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Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance
 Substance name : A fatty alcohol polyglycol ether
 CAS-No. : 68920-66-1

Components

Chemical name	CAS No./Unique ID	Concentration (% w/w)	Trade secret
Alcohols, C16-18 and C18-unsaturated, ethoxylated	68920-66-1*	>= 80 - <= 100	TSC

* Indicates that the identifier is a CAS No.

TSC- the actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.
 Remove/ Take off immediately all contaminated clothing.

If inhaled : If inhaled, remove to fresh air.
 Get medical advice/ attention.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
 Consult a physician.

If swallowed : If swallowed do not induce vomiting, seek medical advice and show safety datasheet or label

Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).
 The possible risks known are those derived from the labelling (see section 2).
 Causes serious eye irritation.

Notes to physician : Treat symptomatically.

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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray jet
Alcohol-resistant foam
- Unsuitable extinguishing media : Dry powder
Carbon dioxide (CO₂)
High volume water jet
- Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- Burning produces noxious and toxic fumes.
- Further information : Wear suitable protective equipment.
- Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective clothing.
Contain spill. Ensure adequate ventilation and wear appropriate personal protective equipment. Collect onto inert absorbent. Place in sealable container. Do not allow to contaminate water sources or sewers.
- 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

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Electrical equipment should be protected to the appropriate standard.
- Advice on safe handling : Avoid contact with skin and eyes.
- Further information on storage conditions : Keep container closed.

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

Contains no substances with occupational exposure limit values.

Engineering measures : A system of local and/or general exhaust is recommended where employee exposures are at or above Occupational Exposure Limits (OEL).

Personal protective equipment

Respiratory protection : Wear NIOSH approved particulate filtering respirator rated N, R, or P95 or 100 or equivalent in the absence of proper environmental control. Type of respirator depends on level of exposure.

Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Safety glasses with side-shields

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.

Protective measures : 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 and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Colour : white to slightly yellow

Odour : characteristic

Odour Threshold : not determined

pH : approx. 7 (68 °F / 20 °C)
Concentration: 10 g/l

Drop point : approx. 109 °F / 43 °C
Method: DIN 51801

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Boiling point	:	no data available
Flash point	:	> 482 °F / > 250 °C Method: DIN/ISO 2592 (open cup)
Evaporation rate	:	not determined
Flammability (solid, gas)	:	Not expected to form explosive dust-air mixtures.
Self-ignition	:	no data available
Upper explosion limit / upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	Not applicable
Relative vapour density	:	Not applicable
Density	:	1.02 g/cm ³ (122 °F / 50 °C) Method: DIN 51757
Solubility(ies) Water solubility	:	soluble (68 °F / 20 °C)
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No decomposition if used as directed.
Viscosity Viscosity, dynamic	:	approx. 60 mPa.s (122 °F / 50 °C) Method: DIN 53019
Viscosity, kinematic	:	> 20.5 mm ² /s (104 °F / 40 °C)
Metal corrosion rate	:	Not applicable
Particle size	:	no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
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Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use. Stable
Conditions to avoid	:	Keep away from heat, sparks, open flames, and other sources of ignition. Avoid dust formation.
Incompatible materials	:	Strong acids and oxidizing agents
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Skin contact

Eye contact

Acute toxicity

Not classified

Product:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Product:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks : not tested.

Components:**Alcohols, C16-18 and C18-unsaturated, ethoxylated:**

Result : Irritating to eyes.

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Respiratory or skin sensitisation**Skin sensitisation**

Not classified

Respiratory sensitisation

Not classified

Product:

Remarks : not tested.

Germ cell mutagenicity

Not classified

Product:

Germ cell mutagenicity - Assessment : No information available.

Carcinogenicity

Not classified

Product:

Carcinogenicity - Assessment : No information 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.

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

Not classified

Product:

Reproductive toxicity - Assessment : No information available.

No information available.

STOT - single exposure

Not classified

Product:

Remarks : not tested.

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STOT - repeated exposure

Not classified

Product:

Remarks : not tested.

Repeated dose toxicity**Product:**

Remarks : not tested.

Aspiration toxicity

Not classified

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 203Toxicity to daphnia and other :
aquatic invertebrates : Remarks: not tested.Toxicity to algae/aquatic :
plants : Remarks: not tested.Toxicity to microorganisms : EC50 (Pseudomonas putida): > 1,000 mg/l
Method: DIN 38412 T.8**Components:****Alcohols, C16-18 and C18-unsaturated, ethoxylated:****Ecotoxicology Assessment**

Acute aquatic toxicity : Toxic to aquatic life.

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

Persistence and degradability**Product:**

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Biodegradability : Biodegradation: > 80 %
Method: OECD Test Guideline 302B

Result: Readily biodegradable.
Biodegradation: 94 %
Exposure time: 28 d
Method: OECD Test Guideline 301E

Chemical Oxygen Demand (COD) : 1,740 mg/g

Dissolved organic carbon (DOC) : 440 mg/g

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: not tested.

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: not tested.

Other adverse effects**Product:**

Environmental fate and pathways : Remarks: no data available

Additional ecological information : no data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Act : This product, if discarded as sold, is not a Federal RCRA hazardous waste.

Waste Code : NONE

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

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DOT	not restricted
IATA	not restricted
IMDG	not restricted

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

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

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : 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.

Clean Air Act

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

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

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.

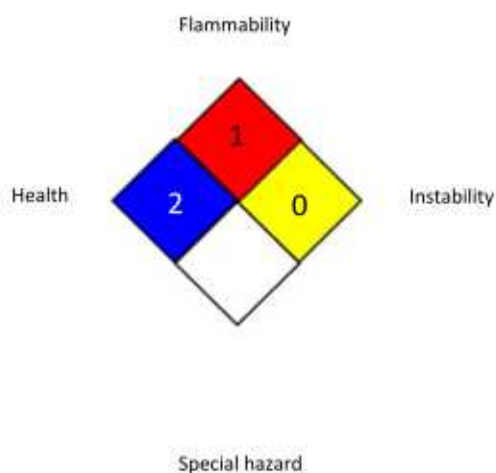
SECTION 16. OTHER INFORMATION**Further information**

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NFPA 704:**Full text of other abbreviations**

AIIC - Australian Inventory of Industrial Chemicals; 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); EC_x - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL_x - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC_x - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised 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 - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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 - Organisation 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; TECl - Thailand

SAFETY DATA SHEET

CLARIANT^E

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Existing Chemicals 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

For additional information, contact Product Stewardship.

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