

## GENAPOL BA 040

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## 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 BA 040****Material number:**

192040

**Synonyms:**

Product Has No Synonyms

**Primary product use:**

Metal processing

**Primary product use:**

Raw material for cleaning agents

**Chemical family:**

Benzyl alcohol ethoxylated.

## SECTION 2. HAZARDS IDENTIFICATION

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

Serious eye damage : Category 1

**GHS label elements**

Hazard pictograms :



Signal word :

Danger

Hazard statements :

H318 Causes serious eye damage.

Precautionary statements :

**Prevention:**

P280 Wear eye protection/ face protection.

**Response:**

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.

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**Other hazards**

None known.

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

Substance / Mixture : Substance

Substance name : Benzyl alcohol ethoxylated.

CAS-No. : Not Assigned

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
Polyoxyethylene benzyl alcohol ether	26403-74-7	>= 90 - <= 100

Actual concentration is withheld as a trade secret

**SECTION 4. FIRST AID MEASURES**

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

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 : Remove contaminated clothing without delay. Immediately  
wash the skin with soap and water for at least 15 minutes  
under a safety shower. If redness or skin irritation occurs,  
seek medical attention.

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: Immediately call a POISON CENTER/  
doctor.

Most important symptoms  
and effects, both acute and  
delayed : corrosive effects  
Causes serious eye damage.

Notes to physician : Treat symptomatically.

**SECTION 5. FIREFIGHTING MEASURES**

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

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- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Combustion gases of organic materials must in principle be graded as inhalation poisons.  
  
Emits toxic and corrosive fumes under fire conditions.
- Further information : Wear positive pressure self-contained breathing apparatus (SCBA) and full protective equipment.
- 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 equipment.  
Ensure adequate ventilation.  
Wear proper protective equipment. Contain spill. Spills should be collected as a liquid or absorbed on suitable absorbant and placed in proper containers for disposal. Do not discharge into storm drains or the aquatic environment.
- Environmental precautions : Do not empty into drains.
- Methods and materials for containment and cleaning up : Pick up with absorbent material (eg sand, sawdust). Rinse away rest with water  
Can be landfilled or incinerated, when in compliance with local regulations.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Observe the general rules of industrial fire protection
- Advice on safe handling : Store in a cool, dry place: approximately 68 F. Keep container closed when not in use.
- Further information on storage conditions : Store in original container.  
Keep container closed.
- Recommended storage temperature : 68 °F / 20 °C
- Storage period : 24 Months

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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** : Local ventilation recommended - mechanical ventilation may be used.

**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**  
**Remarks** : butyl-rubber

**Eye protection** : Chemical splash goggles with 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.

**Protective measures** : Avoid contact with skin and 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** : Liquid

**Colour** : light yellow

**Odour** : characteristic

**Odour Threshold** : no data available

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pH	:	approximately 7 (68 °F / 20 °C) Concentration: 1 g/l
pour point	:	< -40 °F / < -40 °C Method: ISO 3016
Boiling point	:	> 401 °F / > 205 °C (1,013 hPa)
Flash point	:	approx. 401 °F / 205 °C  Method: DIN EN 22719 / ISO 2719 (closed cup)
Evaporation rate	:	no data available
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	<= 0.13 hPa (68 °F / 20 °C)
Relative vapour density	:	no data available
Relative density	:	no data available
Density	:	approx. 1.1 g/cm <sup>3</sup> (68 °F / 20 °C) Method: DIN 51757
Solubility(ies) Water solubility	:	soluble (68 °F / 20 °C)
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	no data available
Decomposition temperature	:	> 536 °F / > 280 °C Method: DSC
Viscosity Viscosity, dynamic	:	approx. 50 mPa.s (68 °F / 20 °C)
Viscosity, kinematic	:	no data available
Explosive properties	:	Not explosive Method: Expert judgement

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Oxidizing properties	:	The substance or mixture is not classified as oxidizing. Method: Expert judgement
Metal corrosion rate	:	< 6.25 mm/a Not corrosive to metals
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
Incompatible materials	:	Strong oxidizing agents Strong acids
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  
Inhalation

**Acute toxicity****Product:**

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	Remarks: no data available
Acute dermal toxicity	:	Remarks: no data available

**Skin corrosion/irritation****Product:**

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

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**Serious eye damage/eye irritation****Product:**

Species : rabbit eye  
Result : Risk of serious damage to eyes.  
Method : OECD Test Guideline 405

**Components:****Polyoxyethylene benzyl alcohol ether:**

Result : Risk of serious damage to eyes.

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

Remarks : no data available

**Germ cell mutagenicity****Product:**

Germ cell mutagenicity - : No information available.  
Assessment

**Carcinogenicity****Product:**

Carcinogenicity - : No information available.  
Assessment

**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****Product:**

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

**STOT - single exposure****Product:**

Remarks : no data available

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**STOT - repeated exposure****Product:**

Remarks : no data available

**Repeated dose toxicity****Product:**

Remarks : no data available

**Aspiration toxicity****Product:**

no data available

**Experience with human exposure****Product:**

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

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**Toxicity to fish : LC50 (Danio rerio (zebra fish)): 100 - 500 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203Toxicity to daphnia and other :  
aquatic invertebrates Remarks: no data availableToxicity to algae/aquatic : EC50 (Selenastrum capricornutum (green algae)): 346 mg/l  
plants Exposure time: 72 h  
Method: OECD Test Guideline 201  
GLP: yesToxicity to microorganisms : EC50: > 1,000 mg/l  
Method: OECD Test Guideline 209**Persistence and degradability****Product:**Biodegradability : Inoculum: activated sludge, non-adapted  
Concentration: 28 mg/l  
Result: Readily biodegradable.  
Biodegradation: > 80 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B  
GLP: yes

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**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: no data available

**Mobility in soil****Product:**

Distribution among environmental compartments : Remarks: no data available

**Other adverse effects****Product:**

Additional ecological information : no data available

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

RCRA - Resource Conservation and Recovery Authorization 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

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**SECTION 14. TRANSPORT INFORMATION**

DOT not restricted

IATA not restricted

IMDG not restricted

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**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

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**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.

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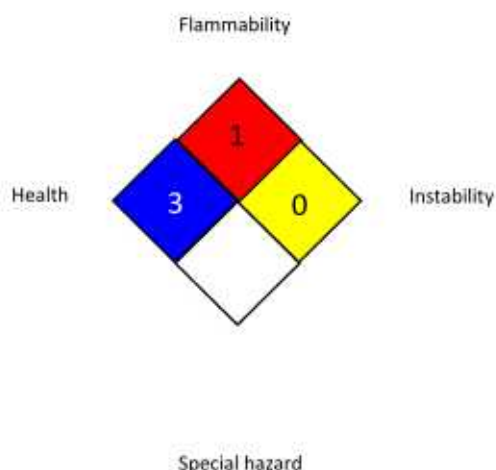
**SECTION 16. OTHER INFORMATION****Further information**

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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); 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 - 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; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United

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Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;  
vPvB - Very Persistent and Very Bioaccumulative

Observe national and local legal requirements  
None known.

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