

## POLYGLYKOL CL 20000 S IN BAGS

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## SECTION 1. IDENTIFICATION

<b>Identification of the company:</b>	Clariant Corporation 4000 Monroe Road Charlotte, NC, 28205 Telephone No.: +1 704 331 7000
<b>Information of the substance/preparation:</b>	Product Safety 1-704-331-7710
<b>Emergency tel. number:</b>	+1 800-424-9300 CHEMTREC

<b>Trade name:</b>	<b>POLYGLYKOL CL 20000 S IN BAGS</b>
<b>Material number:</b>	169760
<b>CAS number:</b>	42617-82-3
<b>Synonyms:</b>	Product Has No Synonyms
<b>Primary product use:</b>	Techno-chemical+
<b>Chemical family:</b>	Cross-linked polyethylene glycol

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Combustible dust :

**GHS Label element**

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P243 Take precautionary measures against static discharge.  
P233 Keep container tightly closed.

**Other hazards**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
Bisphenol A-epichlorhydrin-polyethylene glycol-copolymer	42617-82-3	100

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**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 : Immediately flush skin under running water for at least fifteen minutes. Seek medical attention if irritation or chemical burn is present.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately if irritation develops and persists.
- If swallowed : IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).  
No additional symptoms are known.
- Notes to physician : None known.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray jet  
Foam
- Unsuitable extinguishing media : Dry powder  
Carbon dioxide (CO<sub>2</sub>)  
High volume water jet
- Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:  
Carbon monoxide (CO)  
  
Burning produces noxious and toxic fumes.
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
- Special protective equipment for firefighters : Self-contained breathing apparatus

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment. Wearing appropriate personal protective equipment, contain spill, ventilate area of spill or leak. Collect onto inert absorbent. Place in suitable container.
- Environmental precautions : Do not allow to enter drains or waterways
- Methods and materials for containment and cleaning up : Take up mechanically

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Keep away sources of ignition. Take precautionary measures against build-up of electrostatic charges, e.g earthing during loading and off-loading operations. Dust can form an explosive mixture in air.
- Advice on safe handling : Store in cool, dry area. Avoid excessive heat. Keep away from sources of heat, sparks or open flames.
- Technical measures/Precautions : Store in original container. Keep container closed.

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

Ingredients with occupational exposure limits to be monitored.

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

**Personal protective equipment**

- Respiratory protection : If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134
- Hand protection
- Remarks : Butyl Rubber, PVC Or Neoprene.
- Eye protection : Safety glasses or chemical splash goggles.
- 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.

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Protective measures : Avoid contact with skin and eyes.  
Hygiene measures : Observe the usual precautions for handling chemicals.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : flakes  
Colour : white  
Odour : odourless  
Odour Threshold : not tested.  
pH : 5.5 - 8.5, Concentration: 50 g/l (20 °C)Method: ASTM E 70  
Freezing point : approx. 63 °C  
Boiling point : not determined  
Flash point : approx. 260 °C  
Evaporation rate : Not applicable  
Upper explosion limit : Not applicable  
Lower explosion limit : Not applicable  
Vapour pressure : < 0.01 mbar (20 °C)  
  
Relative vapour density : Not applicable  
Density : approx. 1.1 g/cm<sup>3</sup> (25 °C)  
  
Bulk density : 400 - 500 g/l  
Solubility(ies)  
Water solubility : approx. 500 g/l (20 °C)  
  
Solubility in other solvents : not tested.  
Solvent: fat  
  
Partition coefficient: n-octanol/water : log Pow: < -1  
Method: Calculated by Syracuse.  
  
Auto-ignition temperature : > 320 °C

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Decomposition temperature	: 360 °C
Viscosity	
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: 100 - 300 mm <sup>2</sup> /s (38 °C) Method: ASTM D 445 50 % aqueous solution
Explosive properties	: no data available
Oxidizing properties	: 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	: None known.
Incompatible materials	: not known
Hazardous decomposition products	: When handled and stored appropriately, no dangerous decomposition products are known

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

Acute oral toxicity	: LD50 (Rat): > 15,000 mg/kg
Acute inhalation toxicity	: Remarks: not tested.
Acute dermal toxicity	: Remarks: not tested.

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

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

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

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Species: rabbit eye  
Result: No eye irritation  
Method: OECD Test Guideline 405

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

Remarks: not tested.

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

Germ cell mutagenicity - : No information available.  
Assessment

**Carcinogenicity****Product:**

Carcinogenicity - : No information available.  
Assessment

**IARC** Not listed

**OSHA** Not listed

**NTP** Not listed

**Reproductive toxicity****Product:**

Reproductive toxicity - : No information available.  
Assessment

No information available.

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

Remarks: not tested.

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

Remarks: not tested.

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

Remarks: not tested.

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**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).

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203Toxicity to daphnia and other :  
aquatic invertebrates Remarks: not tested.Toxicity to algae :  
Remarks: not tested.

Toxicity to bacteria : Remarks: not tested.

**Persistence and degradability****Product:**Biodegradability : Result: Not readily biodegradable.  
Biodegradation: < 20 %  
Method: OECD Test Guideline 302B**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: not tested.

**Mobility in soil****Product:**Distribution among : Remarks: not tested.  
environmental compartments**Other adverse effects****Product:**Environmental fate and : Remarks: no data available  
pathways

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Results of PBT and vPvB assessment : Remarks: no data available

Additional ecological information : no data available

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

RCRA - Resource Conservation and Recovery Act

: No -- Not as sold.

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****EPCRA - Emergency Planning and Community Right-to-Know Act****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 311/312 Hazards** : No SARA Hazards

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**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**

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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

**Inventories**

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

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

Observe national and local legal requirements  
None known.

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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