

MATERIAL SAFETY DATA SHEET

POLYGLYKOL CL 20000 S

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Substance key: 000000113368
Version : 1 - 3 / USARevision Date: 08/07/2008
Date of printing :06/28/2011

Section 01 - Product Information

Identification of the company:Clariant Produkte (Deutschland) GmbH
Frankfurt am Main, 65926
Telephone No.: +49 69 305 18000**Information of the substance/preparation:**
Product Safety 1-704-331-7710**Emergency tel. number:** +1 800-424-9300 CHEMTREC**Trade name:** POLYGLYKOL CL 20000 S
CAS number: 42617-82-3
Synonyms: Product Has No Synonyms
Primary product use: Techno-chemical+
Chemical family: Cross-linked polyethylene glycol

Section 02 - Composition information on hazardous ingredients

Hazardous ingredients:None under 29 CFR 1910.1200
None under Title III of SARA

Section 03 - Hazards identification

Expected Route of entry:**Inhalation:** no
Skin contact: no
Eye contact: no
Ingestion: no
Skin absorption: no**Health effects of exposure:**

Based on animal studies, this product was found to be a non-irritant to skin and eyes.

Known effects on other illnesses:

No known effects on other illnesses for this product.

Listed carcinogen:IARC: No
NTP: No
OSHA: No
Other: No**HMIS:**

Health: 1 Flammability: 1 Reactivity: 0 Personal protection: C

Section 04 - First aid measures

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After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Immediately flush skin under running water for at least fifteen minutes. Seek medical attention if irritation or chemical burn is present.

After contact with eyes:

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs.

After ingestion:

If ingested, seek medical assistance immediately.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint: approx. 500 °F

Lower explosion limit: Not applicable

Upper explosion limit: Not applicable

Self ignition: Not applicable

Ignition temperature: > 608 °F

Hazardous combustion products:

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)

Extinguishing media: water spray jet
foam

Special fire fighting procedure:

Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Unusual fire and explosion hazards: Emits toxic fumes under fire conditions.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Wearing appropriate personal protective equipment, contain spill, ventilate area of spill or leak. Collect onto inert absorbent. Place in suitable container.

Section 07 - Handling and storage

Advice on safe handling:

Store in cool, dry area. Avoid excessive heat. Keep away from sources of heat, sparks or open flames.

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Keep containers closed.**Section 08 - Exposure controls / personal protection**

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:	Butyl Rubber, PVC Or Neoprene.
Eye protection:	Safety glasses or chemical splash goggles.
Other protective equipment:	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.
Advice on system design:	Local ventilation recommended - mechanical ventilation may be used.
IDLH:	Not Determined

Section 09 - Physical and chemical properties

Form:	Flakes
Color:	white
Odor:	odourless
pH:	5.5 - 8.5 (20 °C, 50 g/l) Method: ASTM E 70
Solubility in water:	approx. 500 g/l (20 °C)
Soluble in ... :	fat not tested.
Density:	approx. 1.1 g/cm ³ (25 °C)
Freezing point :	approx. 145 °F
Boiling point :	not determined
Vapor pressure:	< 0.01 Torr (20 °C)
Bulk density:	400 - 500 g/l
Relative vapor density:	Not applicable
Partitioning coef. octanol/water:	< -1 Method: Calculated by Syracuse.

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Viscosity / (kinematic): 100 - 300 mm²/s (38 °C)
Method: ASTM D 445
50 % aqueous solution

Section 10 - Stability and reactivity

Thermal decomposition: 360 °C
Source: Analogy

Chemical stability: Stable.

Hazardous Polymerization: Will not occur.
Conditions to avoid: None known.

Conditions to avoid: None known.

Section 11 - Toxicological information

Product information:

Acute oral toxicity: LD50 > 15,000 mg/kg (rat)
Source: Analogy

Acute inhalation toxicity: not tested.

Acute dermal toxicity: not tested.

Skin irritation: Non-irritating (rabbit)

Eye irritation: Non-irritating (rabbit)

Section 12 - Ecological information

Product information:

Biodegradation: < 20 %
sparingly degradable
Method: Zahn-Wellens test
Source: Analogy

Fish toxicity: LC50 > 100 mg/l (96 h, zebra fish)
Method: OECD 203

Section 13 - Disposal considerations

Waste disposal information:
Recommended disposal is by incineration in approved facilities.

RCRA hazardous waste:
No -- Not as sold.
RCRA number: NONE

Section 14 - Transport information

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DOT	not restricted
IATA	not restricted
IMDG	not restricted

Section 15 - Regulatory information

TSCA Status:

All components of this product are listed on the TSCA Inventory.

SARA (section 311/312):

Reactive hazard:	no
Pressure hazard:	no
Fire hazard:	no
Immediate/acute:	no
Delayed/chronic:	no

SARA 313 information:

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%.

Volatile organic compounds VOC:

Remarks: Not Available

FDA:

This product is not registered with the FDA.

Section 16 - Other information

Other precautions:

None Known

Label information:

ATTENTION!

UPON EVALUATION, IT HAS BEEN DETERMINED THAT THIS PRODUCT IS NOT SUBJECT TO THE LABELING REQUIREMENTS OF OSHA REGULATION 29CFR 1910.1200.

Good work practices dictate that care be taken to avoid skin and eye contact and ingestion. Washing after handling is advised.

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

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