

POLYGLYKOL 600

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Substance key: SXR024806
Version : 1 - 15 / USA

Revision Date: 10/25/2013
Date of printing :02/28/2014

Section 01 - Product and company identification

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

Trade name:	POLYGLYKOL 600
Material number:	107921
CAS number:	25322-68-3
Synonyms:	Product Has No Synonyms
Primary product use:	Techno-chemical industry. Cosmetic Pharma
Chemical family:	polyethylene glycol, HO-(CH ₂ -CH ₂ -O) _n -H, average molecular mass 600

Section 02 - Hazards identification

Emergency overview:	Clear, colorless liquid. NO KNOWN HEALTH HAZARDS. NO KNOWN PHYSICAL HAZARDS.		
Expected Route of entry:			
Inhalation:	Not expected to be toxic by inhalation. Not expected to be irritating to the respiratory tract.		
Skin contact:	Not expected to be irritating to skin. Not expected to be toxic by skin absorption.		
Eye contact:	Not expected to be irritating to the eyes.		
Ingestion:	Not expected to be toxic.		
Skin absorption:	no		
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 03 - Composition/information on ingredients**Hazardous ingredients:**

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None under 29 CFR 1910.1200

None under Title III of SARA

Section 04 - First aid measures**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: 500 °F
Method: DIN 51376 (open cup)

Lower explosion limit: not tested.

Upper explosion limit: not tested.

Self ignition: Not applicable

Ignition temperature: > 608 °F
Method: DIN 51794

Hazardous combustion products:

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)
Carbon dioxide (CO₂)

Extinguishing media: dry powder
foam
carbon dioxide
water spray jet

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

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Steps to be taken in case of spill or leak:

Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.

Section 07 - Handling and storage

Advice on safe handling:

Avoid getting on skin or in eyes when handling product.

Further info on storage conditions:

Keep containers closed.

Do not keep at temperatures above 30 °C.

Recommended storage temperature: 10 - 25 °C.

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:	None

Section 09 - Physical and chemical properties

Form:	Liquid
Color:	colourless
Odor:	characteristic
Odor limit:	not tested.
pH:	5 - 7 (20 °C, 100 g/l) Method: DIN 19268
Solubility in water:	(20 °C) miscible
Soluble in ... :	fat not tested.

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Density:	approx. 1.12 g/cm ³ (20 °C) Method: DIN 51757
Freezing point :	62 - 71 °F Method: European Pharmacopoeia / 2.2.18
Boiling temperature :	not determined
Vapor pressure:	< 0.08 Torr (20 °C)
Bulk density:	Not applicable
Relative vapor density:	not tested.
Partitioning coef. octanol/water:	< -1
Viscosity / (dynamic):	16 - 19 mPa.s (20 °C) Method: DIN 53019 50 % aqueous solution
Viscosity / (kinematic):	14 - 17 mm ² /s (20 °C) Method: DIN 51562 50 % aqueous solution

Section 10 - Stability and reactivity

Thermal decomposition:	360 °C Source: Analogy
Chemical stability:	Under normal conditions the product is 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)
Acute inhalation toxicity:	not tested.
Acute dermal toxicity:	not tested.
Skin irritation:	Non-irritating (rabbit) Method: OECD 404 By analogy with a similar product.
Eye irritation:	Non-irritating (rabbit) Method: OECD 405 By analogy with a similar product.

Other relevant toxicity information:
By analogy with a product of similar composition

Section 12 - Ecological information

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Product information:

Biodegradation: > 80 % (28 d)
good degradability
Method: DIN 38412 T.24
Source: Analogy

Fish toxicity: LC50 > 10 g/l (48 h, golden orfe)
Method: DIN 38412 T.15

Daphnia toxicity: not tested.

Algae toxicity: not tested.

Bacteria toxicity: EC50 > 1,000 mg/l
Method: OECD 209
Source: Analogy

Dissolved organic carbon (DOC): 565 mg/g

Chemical oxygen demand (COD): 1,730 mg/g

Remarks:
No data available.

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

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

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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:

FDA regulated cosmetic ingredient.

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 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.