

POLYGLYKOL B01/100

S1000

Page 1

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	POLYGLYKOL B01/100	S1000
Material number:	248512	
Recommended use:	Metal processing	
Producer or Importer name:	Clariant Produkte (Deutschland) GmbH	
Address:	65926 Frankfurt am Main	
MSDS made by:	Clariant (México), S.A. de C.V.	
Emergency phone:	+52 55 5004 8763	
Transport Emergency phone:	01800-0021-400	24 hrs

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	: Substance
Substance name	: polypropylene glycol monobutyl ether
CAS-No.	: 9003-13-8

Components

No hazardous ingredients

SECTION 4. FIRST AID MEASURES

General advice	: Remove contaminated clothing and shoes.
In case of skin contact	: IF ON SKIN: Wash with plenty of soap and water.
In case of eye contact	: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	: Get medical attention immediately.
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).

POLYGLYKOL B01/100

S1000

Page 2

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray jet
Alcohol-resistant foam
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

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

Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Safety Glasses, Gloves, Apron

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

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 : No special measures necessary if stored and handled as prescribed.

Hygiene measures : Keep away from food and drink.

Further information on storage conditions : Keep containers tightly closed in a cool, well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Hand protection

Break through time : 480 min
Glove thickness : 0.7 mm
Remarks : Long-term exposure Impervious butyl rubber gloves

Break through time : 30 min
Glove thickness : 0.4 mm
For short-term exposure (splash protection): Nitrile rubber gloves.

These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

Eye protection : Safety glasses
Skin and body protection : working clothes
Protective measures : Avoid contact with skin and eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Colour : colourless

Odour : characteristic

Odour Threshold : not determined

pH : 7 (20 °C)
Concentration: 100 g/l
Method: DIN EN 1262

Solidification point : -40 °C
Method: ASTM D 1177

Boiling point : > 360 °C

SAFETY DATA SHEET
Standard NOM-018-STPS-2015

POLYGLYKOL B01/100

S1000

Page 4

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

	Method: Calculated by Syracuse.
Flash point	: 190 °C
	Method: DIN EN 22719 / ISO 2719 (closed cup)
Evaporation rate	: not determined
Flammability (solid, gas)	: Not applicable
Self-ignition	: Not applicable
Burning number	: Not applicable
Upper explosion limit / upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: Not applicable
Vapour pressure	: < 0.001 Pa (20 °C) Method: Calculated by Syracuse.
Relative vapour density	: not determined
Density	: 0.997 g/cm ³ (20 °C)
Bulk density	: Not applicable
Solubility(ies)	
Water solubility	: insoluble (20 °C)
Solubility in other solvents	: not determined Solvent: fat
Partition coefficient: n-octanol/water	: log Pow: 5.59 Method: Calculated by Syracuse.
Auto-ignition temperature	: 370 °C Method: DIN 51794
Decomposition temperature	: > 300 °C
Viscosity	
Viscosity, kinematic	: approx. 100 mm ² /s (50 °C) Method: DIN 51562
Explosive properties	: Not explosive Method: Expert judgement
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

Method: Expert judgement

Molecular weight	:	2,051 g/mol
Metal corrosion rate	:	< 6.25 mm/a Not corrosive to metals
Minimum ignition energy	:	not determined
Particle size	:	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	See section 10.3. "Possibility of hazardous reactions"
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
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: > 5,000 mg/kg
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

Serious eye damage/eye irritation

Product:

Species: rabbit eye
Result: No eye irritation

POLYGLYKOL B01/100

S1000

Page 6

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

Method: OECD Test Guideline 405

Respiratory or skin sensitisation

Product:

Remarks: no data available

Germ cell mutagenicity

Product:

Germ cell mutagenicity - Assessment : No information available.

Carcinogenicity

Product:

Carcinogenicity - Assessment : No information available.

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No information available.

No information available.

STOT - single exposure

Product:

Remarks: no data available

STOT - repeated exposure

Product:

Remarks: no data available

Repeated dose toxicity

Product:

Remarks: This information is not available.

Experience with human exposure

Product:

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

POLYGLYKOL B01/100

S1000

Page 7

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

Further information

Product:

Remarks: By analogy with a product of similar composition

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 2,200 - 5,000 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other :
aquatic invertebrates : Remarks: no data available

Toxicity to algae/aquatic :
plants : Remarks: no data available

Toxicity to microorganisms : Remarks: no data available

Persistence and degradability

Product:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: < 20 %
Method: OECD Test Guideline 302B

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: no data available

Mobility in soil

Product:

Distribution among :
environmental compartments : Remarks: no data available

Other adverse effects

Product:

Environmental fate and :
pathways : Remarks: no data available

Additional ecological :
information : Harmful effects to fish and bacteria: not harmful

POLYGLYKOL B01/100

S1000

Page 8

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : In accordance with regulations for special waste, must be taken to an authorised special waste incineration plant.
- Contaminated packaging : Regulations concerning reuse or disposal of used packaging materials must be observed.

SECTION 14. TRANSPORT INFORMATION

SCT not restricted

IATA not restricted

IMDG not restricted

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Federal Law for the control of chemical precursors, essential chemical products and machinery for producing capsules, tablets and pills. : Not applicable

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

AllC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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

SAFETY DATA SHEET

Standard NOM-018-STPS-2015

CLARIANT

POLYGLYKOL B01/100

S1000

Page 9

Substance key: 000000468680

Revision Date: 05.08.2021

Version : 1 - 0 / MEX

Date of printing :07/09/2024

- 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand 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; WHMIS - Workplace Hazardous Materials Information System

Observe national and local legal requirements

Revision Date : 05.08.2021

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

MX / EN