

Safety Date Sheet



Trade name: PEG8000

Revision date: 29/03/2021

Compile date:24/11/2019

according to GB/T 16483&GB/T 17519

SDS No.: R(QEP21)-04 A225-2022

Version: A/2

Section 1 Chemical product and company identification

Product identifier:

Product name: Polyethylene Glycol 8000

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Uses of the chemical product:

Intended use: It can be used as a matrix in pharmaceutical and cosmetic industry to adjust viscosity and melting point. It also can be used in the rubber industry as an additive to increase the lubricity and plasticity and prolong the service life of the rubber products; And the product can be used as a lubricant, coolant in the metal processing industry, and used as dispersant and emulsifier in pesticide and pigment industrial production and used as antistatic agent, lubricant in textile industry.

Limit use: No information available

Supplier identifier:

Company name: Zhejiang Lukean Chemical Co., LTD

Address: Shangyu economic and technological development zone , Hangzhou bay

Postcode: 312369

E-mail: huangma@huangma.com

Tel: 0575-82096666

Fax: 0575-82096153

Website: <http://www.huangma.com>

Emergency telephone: 0532/83889090 (24h)

Section 2 Hazards summarizing

Emergency Situation summarizing:

Properties:	Solid
Color:	White
Smell:	Characteristic
Hazards identification:	Not a hazardous substance or Mixture

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GHS Classification:

The product does not require classification and labelling as hazardous according to GB 30000.2-2013~GB 30000.29-2013.

Not a hazardous substance or mixture.

GHS Label Element:

Not a hazardous substance or mixture. The product does not require classification and labelling as hazardous according to GB 30000-2013.

Other Information:

According to the present state of knowledge provided this product is handled correctly, there is no danger to humans or the environment.

Section 3 Composition/information on ingredients

Main ingredient information:

Description of the chemical product: Substance

Chemical name: Polyethylene glycol 8000

CAS-No.: 25322-68-3

Section 4 First aid measures

Description of first aid measures:

If Inhaled: If inhaled, remove to fresh air. Get medical advice/attention.

In case of skin contact: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash before reuse.

In case of eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

If swallowed: Call in a physician immediately and show him the Safety Data Sheet.

Notes for the doctor: Treat symptomatically.

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Section 5 Firefighting measures

Extinguishing media:

Water spray jet, dry powder, foam, carbon dioxide (CO₂) or sandy.

Specific hazards arising from the substance or mixture:

In case of fires, hazardous combustion gases are formed:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Advice for firefighters:

Firefighter should wear appropriate breathing apparatus and protective equipment. Remove from fire to empty place. Cool containers with water spray. Provide adequate ventilation. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment. Remove all source of ignition. Avoid contact with skin and eye. Avoid breathing vapors. Ensure adequate ventilation.

Environmental precautions:

Do not allow to enter drains or waterways.

Methods and material for containment and cleaning up:

If available, immediately cut off the source of leaked chemical products. Remove all sources of ignition. Absorb spill with incombustible inert material (eg.dry sand or earth), then place into an airtight container. Avoid runoff into storm sewers and ditches which lead to waterways.

Measures to prevent secondary hazards:

Avoid dust and secondary leakage during cleaning.

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Section 7 Handling and storage

Precautions for safe handling:

Operators must receive special training and strictly abide the procedures. Do not handle until all safety precautions have been read and understood. Avoid contact with eye or skin. Avoid breathing dust, fume, gas, mist, vapour or spray. Use personal protective equipment as required. Wear protective gloves, protective clothing, eye protection, face protection. Wash thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting, equipment. Use only non-parking tools. Take precautionary measures against static discharge.

Conditions for safe storage:

Store the product in dry, cool and well-ventilated place. It is recommended to store in the original container and keep the container tightly closed. Keep away from heat/sparks/open flames/hot surfaces.

Section 8 Exposure controls/personal protection

OEL (Occupational exposure limit): no data available

Monitoring methodology: no data available

Engineering control method:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal protective equipment:

Respiratory protection: Keep ventilating, no respiratory protection is required.

Eye protection : Wear safety glasses; Use eye-wash equipment.

Skin and body protection: Wear protective working clothing and apron.

Hand protection: Use protective gloves.

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Section 9 Physical and chemical properties

Appearance:	Solid
Color:	White
Odour:	Characteristic
pH :	5.5-7.0
Boiling point:	No data available
Flash point:	No data available (Open cup)
Auto-ignition temperature:	No data available
Oxidizing properties :	Not tested
Explosion properties :	Not applicable
Water solubility :	Soluble
Other solubility:	No data available
Partition coefficient:	No data available
Vapour pressure :	< 0.01 mbar (20°C)
Decomposition temperature:	No data available

Section 10 Stability and reactivity

Chemical Stability:	Stable under normal conditions
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid :	Not known
Materials to avoid :	Oxidizing agent, strong acid alkali
Hazardous decomposition products:	When handled and stored appropriately, no dangerous decomposition products are known
Hazardous polymerization:	No reaction

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Section 11 Toxicological information

Acute oral toxicity:	No information available.
Skin corrosion/irritation:	No information available.
Serious eye damage/ eye irritation:	No information available.
Respiratory or skin sensitization:	No information available.
Germ cell mutagenicity:	Not classified as mutagenic toxicity.
Carcinogenicity:	Not classified as carcinogenic toxicity.
Reproductive toxicity:	Not classified as reproductive toxicity.
Specific target organ system toxicity –single exposure:	No information available.
Specific target organ system toxicity -- repeated exposure:	No information available
Repeated dose toxicity:	No information available.

Section 12 Ecological information

Ecological toxicity:	No information available
Persistence and degradability:	No information available
Bioaccumulative potential:	No information available
Mobility in soil:	No information available

Section 13 Disposal considerations

Waste treatment methods:

Conform to the standards provided by related laws and local public bodies.

Contaminated packaging :

Recycle containers after cleansing or carry out the disposal according to the related laws, regulations and the standards of the local government.

Section 14 Transport information

UN number (United Nations dangerous goods number) :

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Not listed in the List of Dangerous Goods. (GB 12268-2012)

Shipping name: No information available

Class: Not listed in the List of Dangerous Goods. (GB 12268-2012)

Packing group: No information available

Label(s) for transport: No information available

Packing methods: Plastic bucket or metal bucket

Marine pollutant (Yes/No) : No

IMDG/IMO: Not regulated

Other information:

Transportation notes: Transport in accordance with non-toxic and non-hazardous chemicals. The transport vehicles should be equipped with the corresponding variety and quantity of fire equipment and leakage emergency treatment equipment. Make sure that the container does not leak, collapse or damaged during transportation. Mixed Transportation especially mixed with oxidizing agents or food chemicals is strictly prohibited. The products should be protected from rain, blazing sun and high temperature during transportation. Stay away from heat sources during stopovers. Thoroughly clean the transport vehicles after transported.

Section 15 Regulatory information

China regulations:

The following laws/regulation/standards specify corresponding on the safe use, storage, transportation, loading and unloading, classification and labelling of the chemicals:

Rules for classification and labeling of chemicals (GB 30000-2013)

General rule for classification and hazard communication of chemicals (GB13690 -2009)

General rules for preparation of precautionary label of chemicals (GB 15258-2009)

Guidelines for implementation of the catalogue of hazardous chemicals (2015) (Trial)

Classification and code of dangerous goods (GB6944-2012)

Prevention and Control Law of Occupational Diseases of the PRC:

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Classification of Hazardous Factors of Occupational Diseases. (2015) : Not listed

Regulations of the safety management of hazardous chemicals:

Directory of hazardous chemicals (2018): Not listed

List of dangerous goods (GB 12268-2012) : Not listed

Regulations on the import and export of toxic chemicals for the first time:

Strict limits toxic chemicals list of china (2020) : Not listed

Environmental management methods for new chemical substances:

IECSC (2013): Listed

Section 16 Other information

Other information:

Observe national and local legal requirements.

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Lukean 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 the products for its particular application. Nothing included in this information waives any of Lukean'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 the products and applicable national and international regulations and laws, the status of our products could change. Safety Data Sheets providing safety precautions, that should be observed when handling or storing products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Safety Data Sheet information before handling any of these products.

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