

According to Regulation (EC) No 1907/2006(REACH)

1. PRODUCT AND COMPANY IDENTIFICATION

Issued date: 02/05/2011

Methyl Gluceth DOE 120KC

Supplier



For chemical emergencies call CHEMTREC 1-800-424-9300.

Identification

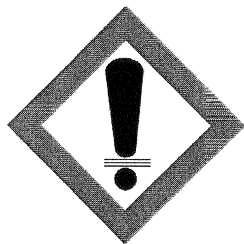
Trade name: Methyl gluceth DOE 120KC
INCI name: PEG 120 Methyl Glucose Dioleate
Chemical name: Ethoxylated methyl glucoside
EINECS No: N/A
CAS No: 86893-19-8

2. HAZARDS IDENTIFICATION

GHS Classification
Skin sensation

GHS label

Pictogram Symbol



Signal Word

Warning

Hazard statements

H317 May cause an allergic skin reaction

Precautionary statements

P261 Preservation

Avoid breathing dust/fume/gas/mist/vapors

P363 Response

Wash contaminated clothing before reuse

P501 Disposal

Dispose of contents/container in accordance with national regulation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Concentration(% w/w)
PEG-120 Methyl Glucose Dioleate	86893-19-8	100

4. FIRST AID MEASURES

Inhalation	Move to fresh air. Give artificial respiration if breathing has stopped. If symptoms persist, call a physician.
Skin contact	Wash skin with soap and water
Eye contact	Rinse immediately with plenty of water for at least 15 minutes. Immediate medical attention is required
Ingestion	Drink 1 or 2 glasses of water. IMMEDIATELY see a physician. Never give anything by mouth to an unconscious person.
Notes to physician	It may not be advisable to induce vomiting. Possible mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock and convulsions may be necessary.

5. FIRE-FIGHTING MEASURES

Flash point	No data
Auto-ignition temperature	No data
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Suitable extinguishing media	Use extinguishing media suitable for surrounding fire.
Specific hazards during fire fighting	Combustion generates toxic fumes of the followings: Hydrogen chloride, Nitrogen oxides (NO _x)
Special protective equipment	Wear self-contained breathing apparatus and protective suit.
Further information	Cool containers / tanks with spray water. Minimize exposure. Do not breathe fumes. Contain run-off.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	No danger almost exists as adding agent of detergents. Wash off in clean water.
Environmental precautions	Do not flush into public water course.
Methods for cleaning up	Collect as much as possible in a clean container for (preferable) reuse or disposal.

7. HANDLING AND STORAGE

Storage Temperature	Ambient
Handling	Keep away from heat, sparks and flame. No smoking, open flames or sources of ignition in handling and storage area. Good housekeeping and controlling of dusts are necessary for safe handling of product. When appropriate, unique handling information for containers can be found on the product label. Avoid prolonged excessive heat when handling. Mix well before using.
Storage	Store indoors. Avoid prolonged exposure to heat and air

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	None established by OSHA, ACGIH
Ventilation Requirements	Local
Eye protection Requirements	Wear safety glasses with side shields. Protect against dust and particulates.
Glove Requirements	The use of chemically resistant gloves is recommended.
Clothing Requirements	Uniforms, coveralls, or a lab coat should be worn.
Change/Removal of Clothing	Remove contaminated clothing and laundry before reuse.
Wash Requirements	Wash exposed areas with soap and water.
Respirator Requirements	None required under normal handling conditions. Use NIOSH approved dust mask if dust levels are irritating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (760mmHg)	> 316°C (Decomposed occurs at 300°C)
Flash Point	368°C Cleveland Open Cup (ASTM D92-66)
Specific Vapor Density	Not applicable
Specific Gravity	1.07 65°C/20°C
Liquid Density	Not applicable
Solubility	Soluble in water
Evaporation Rate	Not Applicable
Appearance	Yellow Flake
State	Solid
Physical Form	Flakes
Color	White to yellow
Odor	Mild, characteristic
pH	4.5 – 7.5

10. STABILITY AND REACTIVITY

Stability	Stable under normal temperature and pressure.
Conditions to avoid	Exposure to elevated temperatures can cause product to decompose.
Incompatibility with other materials	Avoid strong acids and oxidizing agents.
Thermal Decomposition	Decomposition products depend upon temperature, air supply and the presence of other materials.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 (oral rat)	> 5,000mg/kg
	LD50 (dermal rat)	Not determined
Irritation	Skin - Not irritating	
	Eye - Mildly irritating	
Route of Entry	Eye contact, Skin contact, Inhalation, Ingestion	

Not mutagenicity (Ames-test)
No sensitizer (Magnusson & Kligman test)

12. ECOLOGICAL INFORMATION

Biodegradation	Biodegradation under aerobic static laboratory conditions is high (BOD20 or BOD28/ThOD > 40%)
Ecotoxicity	Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 > 100 mg/L in the most sensitive species tested)
Toxicity to Micro-organisms:	Bacterial Growth Inhibition; 16H; EC50 > 5,000 mg/L
Toxicity to Aquatic Invertebrates:	Water flea Daphnia magna; Acute LC50 > 1,000 mg/L
Toxicity to Fish:	Fathead minnow (Pimephales promelas); Acute LC50 > 5,000 mg/L

13. DISPOSAL CONSIDERATIONS

For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

UN/NA Number: N/A
IMDG Class: N/A

Hazard Class: N/A
TDG Class: N/A

15. REGULATORY INFORMATION

Labelling according to EC directives

Symbol(s) and Danger statement: Warning

R-phases: May cause an allergic skin reaction.

S-phases: Keep container closed tightly when not in use. Empty container contains residual product which may exhibit hazards of product. Avoid prolonged exposure to heat and air.

This product has been classified in accordance with the hazard criteria of the GHS and the MSDS contains all the information required by GHS.

US only

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

U.S. Toxic Substances Control Act:

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

U.S. CERCLA – SARA

SARA Title III Section 312 Hazard Category (40 CFR 311/312):

Not Hazardous

SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372 : None Known

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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This information is believed to be accurate and is intended for general guidance. It should not be construed as a guarantee of its suitability for a particular application. Charkit Chemical Company, LLC. offers no warranties either expressed or implied, nor is freedom from any patent owned by Charkit Chemical Company, LLC. or others implied; neither is liability accepted for errors or omissions in the information. Typical properties of products are given for guidance only and do not necessarily represent manufacturing specifications.