


Rethick DOE120

1. Identification of the Product and of the Company

1.1	Product Name:	PEG-120 Methyl Glucose Dioleate
1.2	CAS No:	86893-19-8
1.3	Use of the Substance/Mixture:	Thickening agent
1.4	Company Details:	
	Manufacture/Supplier:	Guangzhou Reachin Chemical Co.,Ltd
	Address:	FL.3,No.E2 Longshan Industry Zone,Yinglong Road TianHe District, Guangzhou, China
	Telephone Number:	(86 20) 37087379 Fax Number: (86 20) 38337097
	Emergency Telephone Number:	(86 20) 37087379
	Contact Person:	Environment, Health and Safety Manager
1.6	Effective date :	12/02/2018

2. Hazards Identification

2.1	GHS Classification:	Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315
2.2	GHS Pictograms:	
2.3	Signal word	Warning
2.4	Hazard statements:	H303: May be harmful if swallowed H319: Causes serious eye irritation H402: Harmful to aquatic life
2.5	Precautionary statements	
	Prevention:	P264: Wash skin thoroughly after handling P273: Avoid release to the environment P280: Wear protective gloves/eye protection
	Response:	P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
	Disposal	P501: Dispose of contents/container to an approved waste disposal plant.

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	GHS Classification	Concentration (%)
PEG-120 Methyl Glucoside Dioleate	86893-19-8	Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315	100

4. First Aid Measures

4.1	Eyes:	Hold eyelids open and flush with a steady, gentle stream of water for at
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4.2	Skin:	least 15 minutes. Seek medical attention.
4.3	Inhalation:	In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if still feeling irritating.
4.4	Ingestion:	This product has no probability of inhalation through breath system.
4.5	Comments:	If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave victim unattended.
4.6	Note to physicians:	Treat symptomatically.

5. Fire Fighting Measures

5.1	Autoignition:	Not available.
5.2	Flash point:	Not available.
5.3	Extinguishing Media:	Water, dry chemical, carbon dioxide.
5.4	Special Fire Fighting Procedures:	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
5.5	Fire & Explosion Hazards:	Product will burn under fire conditions.
5.6	Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, and other unknown hydrocarbons.
5.7	Lower Explosion Limit:	Not applicable.
5.8	Upper Explosion Limit:	Not applicable.
5.9	Flammability Hazard Class:	1=slight.

6. Accidental Release Measures

6.1	Personal Precaution:	Avoid eyes/face contact. Avoid skin contact. Do not take internally.
6.2	Environmental Precautions:	Do not flush to drain.
6.3	Spill and Leak Procedures:	Collect just by common tool. Clean up residual material by washing area with water. Collect washings for disposal.

7. Handling and Storage

7.1	Handling:	Avoid direct or prolonged contact with eyes.
7.2	Storage Conditions:	SHIP AND STORE BETWEEN 10-50°C. Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from incompatible materials (see Section 10. Stability and Reactivity), Expected shelf life if stored at recommended temperatures: 24 months.
7.3	Unsuitable Packaging Materials:	None established.

8. Exposure Controls/Personal Protection

8.1	Industrial Hygiene Standards		
	<u>Ingredients</u>	<u>CAS No.</u>	<u>Exposure Limits</u>
			None
8.2	Engineering Controls:		
	Local Ventilation:	Recommended.	
	General Ventilation:	Recommended.	
8.3	Personal Protective Equipment for Routine Handling		
	Respiratory protection:	When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations. For reasonably foreseeable industrial end uses of this material, respiratory protection should not be necessary.	
	Eye protection:	Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.	
	Hand protection:	Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.	

Clothing Requirements:	Uniforms, coveralls, or a lab coat should be worn.
Change/Removal Of Clothing:	Remove contaminated clothing and launder before reuse.
Wash Requirements:	Wash exposed areas with soap and water.

9. Physical And Chemical Properties

9.1	Physical Form:	Flake solid
9.2	Color:	White to yellowish
9.3	Odor:	Characteristic
9.4	PH:	4.5-7.5
9.5	Solubility in water:	Soluble
9.6	Specific Gravity:	1.08
9.7	Melting Point Range:	Not available
9.8	Freezing Point Range:	Not available
9.9	Vapor Density:	Not available
9.10	Boiling Point Range:	> 300°C

The above information is not intended for use in preparing product specifications. Contact Reachin before writing specifications.

10. Stability And Reactivities

10.1	Stability:	Stable.
10.2	Stability Detail:	Stable under normal temperature and pressure. Conditions To Be Avoided: heat, open flame, spark. Materials/Chemicals To Be Avoided: strong acids, strong oxidizing agents.
10.3	Reactivity Hazard Class:	Minimal. Hazardous polymerization.

11. Toxicological Information

11.1	Carcinogenic Effects:	None.
11.2	Other Health Hazard Information:	Eye - eye irritation, rabbit. Slightly irritating. Skin-skin irritation, rabbit. No irritating. LD50 - lethal dose 50% of test species, 10 g/kg, rat.

12. Ecological Informations

12.1	Potential To Bio-accumulate:	None Established.
12.2	Aquatic Toxicity:	None Established.

13. Disposal Considerations

13.1	Product Disposal:	Dispose of in accordance with local regulations.
13.2	Packaging Disposal:	Any containers or equipment used should be decontaminated immediately after use.

14. Transport Information

14.1	Road and Rail Transport:	Not assessed.
14.2	Sea Transport (IMDG) :	Not subject to IMDG code.
14.3	Air Transport (ICAO) :	Not subject to ICAO regulations.

15. Regulatory Information

15.1	Applicable Laws:	Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.
15.2	Chemical Inventories:	
	AICS:	All ingredients listed or exempt.
	DSL:	All chemical substances in this material are included on or exempted from the DSL.
	MITI:	All components are listed on ENCS or its exempt rule.
	KECL:	All ingredients listed, exempt or notified.
	EINECS:	All ingredients listed or exempt.



Material Safety Data Sheet

TSCA:

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. Other Information

16.1 Contact Point:

Technical Services Engineer (86 20) 37087379

16.2 Prepared by:

Guangzhou Reachin Chemical Co.,Ltd

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.