

Resense 165A

1. Identification Of The Product And Of The Company

1.1 Product Name :	PEG-100 Stearate & Glyceryl Monostearate
1.2 CAS Number :	9004-99-3 & 123-94-4
1.3 Chemical Classification :	Emulsifier
1.4 Dangerous Goods Classification :	Not assessed.
1.5 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 :	16/01/2018

2. Composition/Information On Ingredients

2.1 Chemical characterization :	Emulsifier		
2.2 Physical Form :	White beaded solid		
2.3 Color :	White or light yellow		
2.4 Use :	Basically non-toxic, non-irritative		
2.5 Hazardous Ingredients :			
<u>Chemical Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>	<u>Symbols & Health Risk Phrases</u>
None			

3. Hazards Identification

3.1 Overall Hazard Classification :	Not available
3.2 Hazard Information :	Not available
3.3 Route of Exposure :	Skin Contact and Accidental Ingestion.
3.4 Possible Health Effects :	
<u>Acute</u>	
Eyes :	Non-irritating, may cause redness, irritation.
Skin :	Non-irritating, may cause redness, irritation.
Inhalation :	Inhalation not likely.
Ingestion:	Practically non-toxic.
<u>Chronic</u>	
3.5 Signs and Symptoms of Overexposure :	No significant adverse effects from a single exposure expected from normal use.

4. First Aid Measures



Material Safety Data Sheet

4.1 Eyes :	Held eyelids open and flush with a steady, gentle stream of water for at least 30 minutes. Seek medical attention.
4.2 Skin :	In case of contact, immediately wash with plenty of water for at least 5 minutes. Seek medical attention if still feeling irritating.
4.3 Inhalation :	Inhalation is not an expected route of exposure, if respiratory irritation or distress occur remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.
4.4 Ingestion :	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.
4.5 Comments :	Treat symptomatically.
4.6 Note to physicians :	Treat symptomatically.

5. Fire Fighting Measures

5.1 Autoignition :	Not available.
5.2 Flash point :	> 93°C (200F)
5.3 Extinguishing Media :	Small fire: carbon dioxide, dry chemical Large fire: foam, universal water spray
5.4 Special Fire Fighting Equipment :	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 :	Oxides of carbon.
5.7 Lower Explosion Limit :	Not applicable.
5.8 Upper Explosion Limit :	Not applicable.

6. Accidental Release Measures

6.1 Personal Precaution :	Avoid eyes/face contact. Avoid skin contact long time. Do not take internally.
6.2 Environmental Precautions :	Do not flush to drain. Spills may be reportable to the national response center and to state and/or local agencies.
6.3 Spill And Leak Procedures :	Absorb with an inert absorbent, sweep up and place in an appropriate closed container, clean up reduce material by washing area with water, collect washing for disposal.

7. Handling And Storage

7.1 Handling :	Avoid breathing vapors and mists prolonged contact with skin and eyes
7.2 Storage Conditions :	Store in an area that is dry, well-ventilated, away from incompatible materials.(4-49°C)
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>
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Material Safety Data Sheet

8.2 Engineering Controls	Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures wet processing methods to reduce dust generation.
Local Ventilation :	Recommended.
General Ventilation :	Recommended.
8.3 Personal Protective Equipment for Routine Handling	
Respiratory protection :	Not be necessary.
Eye protection :	Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.
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 :	Proper protective clothing.
Change/Removal Of Clothing :	Remove contaminated clothing and launder before reuse.
Wash Requirements :	Wash hands with soap & water after handling.

9. Physical And Chemical Properties
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9.1 Physical Form :	Beaded solid
9.2 Color :	White
9.3 Odor :	Slight odor.
9.4 PH:	Not available
9.5 Acid value (mgKOH/g):	≤2.0
9.6 Melting Point:	45.0-60.0°C
9.7 Water solubility (20 degree C) :	Insoluble
9.8 Boiling Point Range :	> 260°C @760mmHg
9.9 Flash point :	> 93°C (200F)

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

10. Stability And Reactivity

10.1 Stability :	Stable under normal handling and storage conditions described in Section 6.
10.2 Incompatibility:	Oxidizing and spontaneously flammable products.
10.3 Hazardous Decomposition Products :	Thermal decomposition may product oxides of carbon.

11. Toxicological Information

11.1 Possible Health Effects :	Refer to Section 3.4
11.2 Carcinogenic Effects :	None.
11.3 Other Health Hazard Information :	Not available.

12. Ecological Information

12.1 Potential To Bioaccumulate :	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 :	Dispose of in accordance with local regulations.

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 ingredient 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 :	One or more ingredients are not on the inventory.
EINECS :	All ingredients listed or exempt.
TSCA :	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. Other Information

Contact Point :	Technical Services Engineer (86 20) 37087379
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.

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