

Resense PGL

1. Identification Of The Product And Of The Company

1.1	INCI Name:	Propylene Glycol Laurate
1.2	CAS Number:	142-55-2
1.3	Chemical Classification:	Thickener
1.4	Dangerous Goods Classification:	Not assessed
1.5	Company Details:	
	Manufacture / Supplier:	Guangzhou Reachin Chemical Co.,Ltd
	Address:	Unit 601, Building 16, Kingfa Sci. & Tech. Innovation Industrial Park, No. 39 Kefeng Road, Huangpu District, Guangzhou, China
	Telephone Number:	(86 20) 37087379 Fax: (86 20) 38337097
	Emergency Telephone Number:	(86 20) 37087379
	Contact Person:	Environment, Health and Safety Manager
1.6	Effective date:	02/02/2024

2. Composition/Information On Ingredients

2.1	Chemical characterization:	Mixture		
2.2	Physical Form:	Liquid		
2.3	Color:	Colorless to yellowish		
2.4	Use:	Cosmetics additive and personal care etc.		
2.5	Ingredients:			
	<u>INCI Name</u>	<u>CAS No.</u>	<u>% (w/w)</u>	<u>Symbols & Health Risk Phrases</u>
	Propylene Glycol Laurate	142-55-2	99.5-100	

3. Hazards Identification

3.1	Overall Hazard Classification:	Not hazardous.
3.2	Hazard Information:	Not hazardous.
3.3	Route of Exposure:	Avoid contact with eyes.
3.4	Possible Health Effects:	Skin Contact and Accidental Ingestion.
	<u>Acute</u>	
	Eyes:	Mild irritation
	Skin:	Mild irritation
	Inhalation:	Not a hazard under normal handling conditions.
	Ingestion:	It may cause itching or inflammation.
	<u>Chronic</u>	
	Skin:	Repeated or prolonged exposure may cause irritation.

Inhalation:	No know applicable information.
Ingestion:	Repeated ingestion or swallowing large amounts may injure internally.
3.5 Signs and Symptoms of Overexposure:	No significant adverse effects from a single exposure expected from normal use.

4. First Aid Measures

4.1 Eyes:	Immediately flush eyes with plenty of water for 15 minutes. If irritation develops, consult a physician.
4.2 Skin:	Remove contaminated clothing. Wash the affected area with plenty of soap and water. If irritation develops, consult a physician.
4.3 Inhalation:	Remove to fresh air. If cough develops, see a physician.
4.4 Ingestion:	If gastrointestinal discomfort develops, consult a physician.
4.5 Comments:	Treat according to person's condition and specifics of exposure.
4.6 Note to physicians:	Treat symptomatically.

5. Fire Fighting Measures

5.1 Autoignition temperature:	About 370°C
5.2 Flash point:	>93°C
5.3 Extinguishing Media:	CO ₂ , Foam, Water Fog, dry powder.
5.4 Special Fire Fighting Equipment:	As in fire, NIOSH / MSHA approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.
5.5 Fire & Explosion Hazards:	N / A
5.6 Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, oxide nitrogen.
5.7 Flammability level:	Combustible
5.8 Boiling point:	347.5-377.5°C

6. Accidental Release Measures

6.1 Personal Precaution:	Avoid eyes / face contact. Avoid skin contact long time. Do not take internally.
6.2 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:	Crystallization may occur at low temperature. It can be dissolved evenly by heating, which will not affect the performance
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>
	Unknown		
8.2	Engineering Controls:		
	Local Ventilation:	Recommended.	
	General Ventilation:	Recommended.	
8.3	Personal Protective Equipment for Routine Handling		
	Respiratory protection:	Wear NIOSH respirator.	
	Eye protection:	Wear mono-goggles.	
	Hand protection:	The use of chemically resistant gloves is recommended.	
	Clothing Requirements:	Uniforms, coveralls, or a lab coat should be worn.	

9. Physical And Chemical Properties

9.1	Physical Form:	Liquid
9.2	Color:	Colorless to yellowish
9.3	Color (Hazen) max:	30
9.4	Saponification value (mg KOH/g) :	190-220
9.5	Residue on ignition (%) max:	0.15

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.
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	Possible Health Effects:	Refer to Section 3.4
11.5	Carcinogenic Effects:	None.
11.6	Other Health Hazard Information:	None.

12. Ecological Information

12.1	Potential To Bio-accumulate:	Unknown.
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 ingredients listed or exempt.
	DSL:	All chemical substances in this material are included on or exempted from the DSL.
	IECSC:	All ingredients listed or exempt.
	MITI:	All components are listed on ENCS or its exempt rule.
	KECL:	All ingredients listed, exempt or notified.
	EINECS:	All ingredients listed or exempt.
	PICCS:	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.