



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name : Polyglycerol Esters of Fatty Acids

CAS No. : 67784-82-1

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, manufacture of substances.

1.3 Details of the supplier of the safety data sheet

Company: Aurora Industry Co.,Ltd.

Tel: 0411-82288674

Address: Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

2. HAZARDS IDENTIFICATION

When handling fine powdered products there is a risk of dust explosions.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description: polyglycerol esters of fatty acids (PGE)

CAS-number: 67784-82-1

E475

4. FIRST AID MEASURES

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient.

Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.



Serious Ingestion: Not available.

5. FIRE FIGHTING MEASURES

Extinguish with dry powder, carbon dioxide, foam or water fog
Do not use water jet.
Treat as burning melted fat.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. HANDLING AND STORAGE

Handling: Excessive dusting should be avoided. The working area should be kept free of accumulated dust and ignition sources.

Storage: Store in original container. Avoid excessive light.

8. EXPOSURE CONTROLS

Exposure standards: Not available.

Engineering controls: Not applicable.

Protective equipment: Not applicable.

Educational demands: Instruction in the use of this product and knowledge of this Material Safety Data Sheet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A greasy substance with a neutral odour.

Solubility: Insoluble in water.

Boiling point: > 250°C.

Flash point: > 100°C.

Vapour pressure: Not applicable.

Dropping point: See Product Description.

Flammability limits: Not applicable.

Density: Not available.



10. STABILITY AND REACTIVITY

PGE is stable under normal conditions of use.

Conditions to avoid: None.

Materials to avoid: None.

Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

Eye or skin contact may cause mild transient irritation.

No toxic effects are known under normal conditions from inhalation of dust or vapours from this product.

12. ECOLOGICAL INFORMATION

PGE is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Small quantities of waste are disposed of as domestic refuse.

Greater quantities are disposed of in accordance with the local regulations.

14. TRANSPORT INFORMATION

PGE is not considered dangerous according to ADR, RID, IMO and IATA.

15. REGULATORY INFORMATION

PGE is not classified as dangerous according to EU-directive 91/155.

16. OTHER INFORMATION

This data sheet complies with EU Directive 91/155 as amended.

A Product Description is available on request.

The information contained herein is furnished without warranty of any kind. Employers should use this information as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of this material and the safety and health of employees.