

MATERIAL SAFETY DATA SHEET

Diacetyl tartaric acid esters of mono-and diglycerides DATEM MSDS

1. Company Identification

Supplier: Newseed Chemical Co., Limited.

Add: Mingsheng Road, Shanghai, China

2. COMPOSITION/INFORMATION INGREDIENTS

Chemical name: Diacetyl tartaric acid esters of mono-and diglycerides

CAS-number: 100085-39-0

EINECS-number: 309-180-8

3. HAZARDS IDENTIFICATION

In rare cases allergic reactions may develop on prolonged or repeated contact. Eye or skin contact may cause mild irritation. No toxic effects are known under normal conditions from inhalation of dust or vapors from this product.

4. FIRST-AID MEASURES

Eye contact: Rinse with plenty of water. If symptoms occur, seek medical advice.

Skin contact: Wash with soap and water if necessary.

Inhalation: Fresh air if discomfort is felt, No treatment is necessary under normal circumstances. If symptoms occur seek medical advice.

First aid facilities: Not applicable. Advice to doctor: None.

5. FIRE-FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Contaminated floors may be slippery. Environmental precautions: Not applicable.

Methods for cleaning up: Clean up spillage with a towel. Wash the soiled area

with soap and water or detergent.

7. HANDLING AND STORAGE

Handling: No special precautions are needed.

Storage: Seal and store in the low temperature, dry, cool and well-ventilated place, in order to prevent to be damp and become agglomeration. Strictly forbid to store and transport with materials that is explosive, combustible or deleterious. The shelf life is 18 months.

8. EXPOSURE CONTROL

Exposure standards: Not available.

Engineering controls: Any equipment used to handle this product should be designed to minimize the escape of aerosols, dust and vapors. Maintain adequate local exhaust ventilation that removes contaminated air, before the air reaches the respiratory.

Protective equipment: Wear protective clothing, gloves, safety goggles and respiratory equipment where necessary.

Educational demands: Instruction in the use of this product and knowledge of this material data sheet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white powder with a slightly acid odour.

Solubility: Insoluble in water.

Boiling point: > 250°C.

Flash point: > 100°C.

Vapour pressure: Not applicable.

Dropping point: Approximately 560C/1330F

Flammability limits: Not applicable.

Density: Not available.

10. STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with moisture.

Corrosivity: Not available.

Special Remarks on Reactivity: Hygroscopic

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Chronic effects on humans: not available.

Other Toxic Effects on Humans: not available

Hazardous in case of inhalation.

Slightly hazardous in case of skin contact (irritant), of ingestion.

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

Diacetyl tartaric acid esters of mono-and diglycerides 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

Diacetyl tartaric acid esters of mono-and diglycerides is not considered dangerous

according to ADR, RID, IMO and IATA.

15. REGULATORY INFORMATION

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)

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.