

Safety Data Sheet

Isheng-Lian International Co.,Ltd

FAX:886-2-29773730 TEL:02-29738650

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1. Product and Company Identification

Product name : TALLLOW
GHS product mark : This product is not included in the GHS (CN S15030) product mark specification
CAS Chemistry Registration Number 8022-87-5
Manufacturer / Supplier : Isheng-Lian International Co.,Ltd
Manufacturer / Supplier Address : 1F. No.52. Lane 50, Cheng-gong Rd., Sanchung Dist., New Taipei City, Taiwan R.O.C.
Manufacturer / Supplier telephone : 02-29773730 Fax : 02-2973-8650
Emergency telephone number : 02-2977-3730

2. Hazard identification data

Health hazard effects : no irritation to skin contact . There may be a slight irritating sensation on the eyes .
Environmental impact : No significant impact
Physical and chemical hazards : none
Special hazard : none

3. Component identification data

Chinese and English name : TALLOW
Synonymous name : RBD Tallow
Percentage of ingredients : 99 – 100%

4. First aid Measure

Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Eye contact : Rinse with water. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
First aid method: Hot oil plenty of soap to skin contact desalted water cleaning, rinse with water upon contact with the eye 15 minutes .
Protection against first-aiders : No special regulations .

5. Firefighting measures

Extinguishing media: Water(MIST), Foam, Dry Powder, Carbon Dioxide Unsuitable.
Special hazards that may be encountered during firefighting : Pay attention to the combustion-supporting effects of general animal and vegetable oils .
Special protective equipment for firefighters : wear complete protective clothing and self-contained breathing apparatus with pressure gauge .

6. Accidental Release Measures

Personal Precautions: Wear appropriate personal protective equipment.
Environmental precautions: Avoid dust and keep well ventilated.
Cleaning method: Clean and place in a suitable container with recycling.

7. Handling / Storage

Handling: Properly ventilate to avoid dust generation and accumulation , and avoid inhalation or ingestion.
Storage: Should be sealed, in a cool dry and well ventilated to avoid direct sunlight, place away from incompatible materials.

8. Exposure controls

Control Engineering: Use proper ventilation, sustain a low concentration in the air.
Respiratory protection : Wear a dust mask . No inhalation when inhaling smoke and contact with eyes , no other chronic effects .
Eye protection : Wear safety glasses . Avoid contact with eyes and skin with hot oil .
Hygiene measures : develop good habits , work is strictly prohibited in the workplace, soap must be washed hands after work .

9. Physical and Chemical Properties

Appearance status : semi- solid stable	Shape : white or yellow semi-solid ,
Color : 11A - Lovibond 5 1/4" 1.2R 7.0Y	Odour : Tallow odor

Acid value : 0.5 - 5	Melting point : 40~44°C
Vapor pressure : non-volatile at room temperature (35C)	
Iodine value : 45~49	Specific weight : 0.917~0.936
Flash point : 220°C - 277	SV : 195~198
C14: 3% C15: 1% C16: 26% C:16-1 6% C18: 17% C18-1: 43% C18-2: 4% 氫化後: C14: 3% C15: 1% C16: 32% C18: 64%(ie, hydrogenation of one unsaturated hydrazine and two unsaturated hydrazines to saturation)	
Explosion-proof data: Self-ignition when the temperature exceeds 730°F (388°C), avoiding temperatures exceeding 730°F	

10. Stability and reactivity

Stability : stability
Possible hazardous reactions under special conditions : will not occur
Conditions to avoid : heat , fire , ignition sources , dust and incompatible materials .

11. Toxicological Information

Toxicity : none

12. Ecological information

Possible environmental impact / environmental flow : --

13. Disposal Regulations

Waste gas disposal method : Implemented in accordance with local government regulations .

14. Transport information

Not included in the international (RID/ADR/DOT-ADNR-IMDG-ICAO/IATA-DGR) shipping specification

15. Regulatory information

International EEC Hazard Classification : Classified in non-dangerous goods
Water hazard class : 0 (classified at non-hazard level)

16. Other information

Literature : Acute toxicity and irritation studies on a series of fatty acids. Cheng wen the contemporary dictionary of chemistry and chemical engineering p.946. Japanese Oil Chemistry Handbook p226
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