

# William Hodgson & Co

----- Established 1894 -----

## Material Safety Data Sheet

### 1. IDENTIFICATION OF SUBSTANCE/COMPANY/UNDERTAKING

**Product Name:** Oleic Acid

**Company Name:** William Hodgson & Company  
'The Dairy',  
Gawsworth Business Court,  
Shellow Lane, North Rode,  
Congleton, Cheshire. CW12 2FQ

**Telephone Number:** 01260 222 943

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**Mobile Number:** 07795 414 061

**Email:** [whodgson@btconnect.com](mailto:whodgson@btconnect.com)

**Web:** [www.naturaloilsuk.com](http://www.naturaloilsuk.com)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:** Chemical constituent is chiefly Octadec-9-enoic acid with small amounts of stearic and palmitic acid.

**Chemical description:** Saturated and unsaturated straight chain aliphatic monocarboxylic acids, mainly Oleic Acid.

**CAS Number:** 112-80-1

**EINECS Number:** 204-007-1

**Synonym:** 9-octadecanoic acid, oleinic acid, cis-9-octadecanoic acid, emersol 210, emersol 213, glycon RO, Groco 2, industrene 105, industrene 205, pamolyn, vopcolene 27, wecoline OO, numerous further trade names

**Uses:** Detergents and soaps, Lubricants, Cosmetics emulsifying agents and various other uses.

### 3. HAZARDS IDENTIFICATION

**Inhalation:** N/A at ambient temperature. Vapour can cause Irritation.

**Skin contact:** Unlikely to be irritant

**Eye contact:** Can cause irritation

**Ingestion:** Unlikely to be harmful unless excessive amount

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Ingestion continued:	swallowed.
Physical/chemical hazards:	None identified
Environmental hazards:	None identified

## 4. FIRST AID MEASURES

Skin contact:	Wash with soap & water. Seek medical advice If irritation develops
Eye contact:	Wash and rinse with plenty of water. If Irritation or redness develops seek medical Advice
Inhalation:	remove to fresh air. If symptoms develop seek Medical advice.
Ingestion:	Remove from mouth. Drink plenty of water. If excessive amount swallowed or symptoms Develop seek medical advice.

## 5. FIRE FIGHTING EXTINGUISHING MEASURES

Use:	Foam, dry chemical, water spray or carbon dioxide
Unsuitable extinguishers:	None
Special Measures:	Burning may release oxides of carbon and other hazardous irritant gases or vapours. Fire fighters should wear self-contained breathing apparatus and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precaution in spill:	Avoid contact with eyes and do not breathe vapour. Spillage may constitute a slipping hazard.
Precautions to protect Environment:	Prevent contamination of soil, drains and surface water.
Clean up methods:	Clean up spillage with absorbent, inert material and place in a suitably labeled container for recovery or disposal at an approved site. Wash the area clean with water and detergent, observing environmental requirements.

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## 7. HANDLING & STORAGE MEASURES

Handling:	Use good hygiene and safety principles when handling product. No specific protective measures are required. Smoldering can occur upon leakage onto fibrous insulation material
Storage:	Keep in the original tightly closed container. Store in a cool dry well ventilated place away from heat sources and direct sunlight
Other information:	For quality reasons avoid elevated temperatures

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General precautions:	Good industrial hygiene should be followed. Avoid breathing heated vapours.
Engineering Measures:	Ensure ventilation or local exhaust if formation Of vapours occurs
Occupational Exposure Limits:	No occupational exposure limits have been Established
Personal Protective equipment:	Normal precautions should be observed as for Handling all chemicals

## 9. PHYSICAL & CHEMICAL PROPERTIES

Please see separate specification sheet.

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use. Liable to oxidation on storage and exposure to light.
Reactivity:	Avoid contact with oxidizing agents.
Decomposition:	Thermal decomposition or burning will release oxides of carbon and irritant vapours.
Hazardous polymerization:	Will not occur

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## 11. TOXICOLOGICAL EFFECT

Acute toxicity Oral – LD50: >2 g/kg (rat)  
Skin Irritation: Not irritating (rabbit)  
Eye Irritation: Not irritating (rabbit)  
Sensitization: No sensitization reactions

## 12. ECOLOGICAL INFORMATION

Degradability: Readily biodegradable  
Ecotoxicity LC50: >100mg/l (fish – 48hrs)  
Ecotoxicity EC50: >100mg/l (Pseudomonas putida – 16hrs)

## 13. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations. Re-use/recycling of waste highly recommended.

For contaminated packaging observe local regulations.

## 14. TRANSPORT INFORMATION

Not classified as hazardous for transport in RID/ADR, ADNR, IMDG, ICAO/IATA, DGR.

## 15. REGULATORY INFORMATION

Not classified as hazardous, according to EU regulations 67/548/EEC-1999/45/EC.

### Inventory Status

EU	EINECS
USA	TSCA-CSI
CANADA	DSL
JAPAN	ENCS (2-975)
AUSTRALIA	AICS

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## Inventory Status Continued

KOREA	ECL
PHILLIPPINES	PICCS
CHINA	SEPA
SWITZERLAND	“BAGT” No./”Giftklasse”.618400/”frei”
Water Pollution Category:	1 – slightly water endangering (VwVwS)

## 16. OTHER INFORMATION

The information contained herein is accurate to the best of our knowledge

No liability can be accepted arising out of the use, application or processing of this product.

It is the Users responsibility to determine safe conditions for the use of this material.