



WILMAR OLEOCHEMICAL GROUP

SDS No. : WOG-FAL-004
First Issued : 20 May 2015

Revision No. : 05
Revision Date : 06 May 2022

SAFETY DATA SHEET

1. Chemical Product and Company Identification

a. Product Name : Fatty Alcohol C0899
b. Product Code : WILFAROL 0899
c. Synonyms : Octyl Alcohol / Octanol
d. Identification No : Refer section 3
e. Recommended Use : Raw material for manufacturing Oleochemical derivatives
f. Manufacturing Site : PT. Wilmar Nabati Indonesia, Gresik
Jl. Kapten Darmo Sugondo No. 56, Gresik-61124, East Java, Indonesia

Emergency contact : Outside USA
Contact Person : Head of Quality / Safety & Health Officer
Tel : +607-2533888
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Within USA
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2. Hazards Identification

- a. Classification according to UN GHS rev 8 / 2019
Eye irritation 2
Flammable liquid 4
- b. Label elements
Labelling according UN GHS rev 8 / 2019
- Pictograms



GHS07

- Signal words : Warning
- Hazard Statements : H319: Causes serious eye irritation
H227: Combustible liquid



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- Precautionary statements :
 - P210 : Keep away from heat/ sparks/open flames/hot surfaces. No smoking.
 - P264 : Wash skin thoroughly after handling.
 - P280 : Wear protective gloves/protective clothing/eye protection/face protection.
 - P305 + P351 + P338 : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P337 + P317 : If eye irritation persists: Get medical help.
 - P403 : Store in a well-ventilated place.
 - P501 : Dispose of container to approved disposal site.
- Other hazards which do not result in classification (e.g. dust explosion hazard):
Depending on practical size and concentration explosive dust/air mixture can be formed.

3. Composition/Information on Ingredients

a. Substance
Chemical characterization
Substance name : Octan-1-ol

Identification Number
CAS No. : 111- 87- 5
EC No. : 203-917-6

- b. Mixture: Not applicable. The product is a not mixture.

4. First-aid Measures

- a. Eye contact
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
- b. Skin contact
Wash skin thoroughly with soap and water. Remove contaminated clothing as washing proceeds.
- c. Inhalation
Remove from exposure. Keep warm and at rest. Seek medical Attention if you feel unwell.
- d. Ingestion
Wash out mouth with water. Do not induce vomiting. Keep warm and at rest. Seek medical.
- e. Most important acute and delayed symptoms/effects: None



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5. Fire Fighting Measures

- a. **Suitable (and unsuitable) extinguishing media**
Use dry powder, water spray, foam, carbon dioxide for extinguishing. Avoid using large quantities of water.
- b. **Specific hazards arising from the chemical (e.g. hazardous combustion products)**
Irritating and highly toxic gases may be generated by thermal decomposition or combustion.
- c. **Special protective equipment and precautions for fire-fighters**
Wear a self-containing breathing apparatus and full protective gear.

6. Accidental Release Measures

- a. **Measures required for personal protection and protective equipment**
Use rubber gloves, air respirator, goggles, safety shoes and lab coat. Remove contaminated clothing and wash hands between breaks and at end of duty hours. Locate eye washes and emergency showers in all work and storage areas.
- b. **Measures required for environment protection**
Do not allow to enter drains. If the product contaminates rivers and lakes or sewers inform respective authorities.
- c. **Clean-up and removal method**
Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations.

7. Handling and Storage

- a. **Precautions for safe handling**
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
- b. **Conditions for safe storage (including incompatibilities)**
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- c. **Recommended handling temperature**
Refer to Heating Instruction

8. Exposure Controls and Personal Protective Equipment

- a. Exposure limits of the chemical substance, biological exposure limits and etc.
None established.
- b. Appropriate engineering controls
Use normal precautionary measures for handling chemicals.
- c. Personal protective equipment
- Protection of respiratory system : Wear air respirator
 - Eye protection : Wear goggles
 - Hand protection : Wear protective gloves
 - Body protection : Wear protective clothing, safety shoes

9. Physical and Chemical Properties

- a. Appearance (physical state, color, etc.) : Colorless / white clarity liquid
- b. Melting point : about -16.7 °C
- c. Boiling point : 196 °C



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- d. Flash point : 81 - 82 °C
- e. Density : 0.825 g/cm³ @20 °C
- f. Particle Size Distribution : Not available
- g. Vapor Pressure : Not available
- h. Partition coefficient : n-octanol/water : Not available
- i. Water Solubility : Insoluble in water at 20°C
- j. Surface Tension : Not available
- k. Auto Ignition temperature : 265 - 290 °C
- l. Flammability : Not available
- m. Explosiveness : Not available
- n. Oxidizing Properties : Not available
- o. Stability in organic solvent : Not available
- p. Dissociation constant : Not available
- q. Viscosity : Approx 9 mPas @ 25 °C

10. Stability and Reactivity

- a. Chemical stability: Stable at room temperature in closed containers under normal storage and handling conditions.
- b. Possibility of hazardous reactions: Not available
- c. Conditions to avoid (e.g. static discharge, shock, vibration, etc.): Strong oxidizing agents
- d. Incompatible materials: Strong acid
- e. Hazardous decomposition products
Thermal decomposition or burning may produce carbon monoxide and/or Carbon Dioxide

11. Toxicological Information

- a. **Information on toxicological effects**
- Acute toxicity : Not available
- Skin corrosion/irritation
Rabbit – No skin irritation (OECD Test Guideline 404)
- Serious eye damage/eye irritation
Rabbit – Causes eye irritation (OECD Test Guideline 405)
- Respiratory or skin sensitization
Guinea pig – No skin sensitization (OECD Test Guideline 406)
- Germ cell mutagenicity : Not available
- Carcinogenicity : Not available
- Reproductive toxicity : Not available
- Specific target organ toxicity (single exposure) : Not available
- Specific target organ toxicity (repeated exposure) : Not available
- Aspiration Hazard : Not available
- Potential health effects**
- Inhalation : Not available
- Ingestion : Not available
- Skin : No skin irritation
- Eyes : Causes eye irritation

Signs and symptoms of exposure:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



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12. Effects on the Environment

- a. Toxicity : Not available
- b. Persistence and degradability : Readily biodegradable
- c. Bioaccumulative potential : Not available
- d. Mobility in soil : Not available
- e. Other adverse effects : Not available

13. Disposal Considerations

- a. Disposal methods: Waste may be disposed of by a licensed waste disposal company. Follow local, state and federal disposal regulations.
- b. Precautions for disposal (including the disposal method of contaminated containers and packages).
Product and packaging should be disposed of in accordance with the local, state and federal regulations.

14. Transport Information

Classification according to IMDG, IATA, and TDG

- a. UN number : Not available
- b. UN proper shipping name : Not available
- c. Transport hazard classes : Not available
- d. Packing group, if applicable : Not available
- e. Marine pollutant (yes/no) : Not listed

15. Regulatory Information

- a. Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)
SARA

Section 355 (extremely hazardous substances):
Substance is not listed.

Section 313 (Specific toxic chemical listings):
Substance is not listed.

TSCA (Toxic Substances Control Act):
Substance is listed.

Proposition 65 (California):
Chemicals known to cause cancer:
Substance is not listed.

Chemicals known to cause reproductive toxicity for females:
Substance is not listed.

Chemicals known to cause reproductive toxicity for males:
Substance is not listed.



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Chemicals known to cause developmental toxicity:
Substance is not listed.

Carcinogenic Categories
EPA (Environmental Protection Agency)
Substance is listed.

IARC (International Agency for Research on Cancer)
Substance is not listed.

TLV (Threshold Limit Value established by ACGIH)
Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)
Substance is not listed.

Canada
Canadian Domestic Substances List (DSL)
Substance is listed.

Korea
Korea Existing Chemicals List (KECL)
Substance is listed.

Philippines
Philippines Inventory of Chemicals and Chemical Substances
Substance is listed.

National regulations:
Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57
Substance is not listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out

16. Other Information

This information presented here is believed to be accurate and pertains only to the product when stored in a sealed condition, as prescribed above. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product. Manufacturer shall in no way be liable for any claims, losses and damages of any third party, or for lost profits, or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, from the use of this product.