

Product name: INDUSTRENE® 105

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: INDUSTRENE® 105**Chemical name:** Oleic acid**Supplier:** Crompton Corporation
199 Benson Road
Middlebury, CT 06749, USA**Emergency telephone number:** CHEMTREC (24 hours) 800-424-9300Crompton Corporation Emergency Response (24 hours)
800-292-5898**For MSDS, Product Safety, or regulatory inquiries, call:** 866-430-2775**Customer Service:** 877-948-2660

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS#	CONCENTRATION
Oleic acid	112-80-1	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

NORMAL PRECAUTIONS COMMON TO SAFE MANUFACTURING PRACTICE SHOULD BE FOLLOWED IN HANDLING AND STORAGE.

4. FIRST AID MEASURES

Swallowing

Do not induce vomiting. Obtain medical attention.

Skin

Wash skin with soap and water.

Inhalation

Remove to fresh air.

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if

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discomfort persists.

5. FIRE-FIGHTING MEASURES

Flash point: 193 °C (380 °F)

Special protective equipment for firefighters

Use self-contained breathing apparatus when fighting fires in enclosed areas.

Extinguishing media

Suitable: Extinguish with:

- water fog
- dry chemical
- CO₂
- foam

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions

Avoid runoff to sewers or waterways. Insoluble in water.

Methods for cleaning up

Absorb on inert material such as sand, earth, vermiculite.
Collect in suitable containers.

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Do not get in eyes, on skin, on clothing. Keep drums tightly closed to prevent contamination. Wear recommended personal protection equipment. Never use pressure to empty drums.

STORAGE

Storage requirements

Store and use with adequate ventilation. Store at ambient temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory protection

No special respiratory protection is normally required.

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Hand protection / protective gloves

Neoprene

Eye protection

Safety glasses.

Skin protection

Rubber or plastic apron

ENGINEERING CONTROLS**Ventilation**

General (mechanical) room ventilation is expected to be satisfactory for normal handling.

EXPOSURE LIMITS

No exposure limits have been established

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Liquid
Color	Light yellow
Odor	Mild - typically fatty

OTHER PROPERTIES

Boiling point	> 315 °C (> 600 °F) at STP unless specified below.
Melting point	11 - 14 °C (52 - 57 °F) at STP unless specified below.
Density	0.88 g/cm ³ at 20 °C
Vapor pressure	Not volatile
Vapor density (air=1)	Non Volatile
Solubility in water	Insoluble
Flash point	193 °C (380 °F) Method: Cleveland open cup ASTM D 92
Percent volatiles	0 %(m)

10. STABILITY AND REACTIVITY

Stability: Stable.**Stability - Conditions to avoid**

Stable under normal conditions.

Incompatible materials

Strong oxidizing agents.

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Hazardous combustion products

Carbon monoxide.

Carbon dioxide.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

GENERAL

No information available.

SWALLOWING**Acute effects**

Low acute toxicity.

SKIN ABSORPTION**Acute effects**

Low acute toxicity.

INHALATION**Acute effects**

Short-term harmful health effects are not expected from vapor generated at ambient temperature.

SKIN CONTACT**Acute effects**

Brief contact is not expected to produce irritation.

EYE CONTACT**Acute effects**

May cause mild discomfort.

12. ECOLOGICAL INFORMATION

Not expected to be acutely toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

General: It is our opinion this product is not a RCRA hazardous waste. It is the generator's responsibility to make their own determination as to the RCRA status of waste they generate. We have not performed a Toxicity Characteristic Leachate Procedure (TCLP) on this product. Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

Non-cleaned packages

Dispose of washing solution in the same way as product.

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14. TRANSPORT INFORMATION

DOT Classification

This product is not regulated by DOT.

IMDG Classification

This product is not regulated by IMDG.

ICAO Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355 (used for SARA 302 and 304).

Components present in this product at a level which could require reporting under the statute are:

None.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

None.

Pennsylvania Right-To-Know Hazardous Substance List--Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are:

Chemical name	CAS#	Max weight %
Oleic acid	112-80-1	

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)

Chemical name	CAS#	New Jersey TS Number
Oleic acid	112-80-1	

EPA Hazard Categories (SARA 311, 312): None**CHEMICAL INVENTORY**Canada: This product is on the DSL.United States: This product is on the TSCA inventory.Australia: This product is on the AICS inventory.China: This product is on the IECSC Inventory.

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Japan: This product is on the ENCS inventory.

Korea: This product is listed on the Existing Chemicals List (ECL).

Philippines: This product is on the PICCS.

16. OTHER INFORMATION

HMIS RATING

Health: 1	Flammability: 1	Reactivity: 0	PPI: -
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LEGEND

STP	Standard temperature and pressure
W/W	Weight/Weight
0 (HMIS)	Minimal hazard
1 (HMIS)	Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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The opinions expressed herein are those of qualified experts within Crompton Corporation. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Crompton Corporation, it is the user's obligation to determine the conditions of safe use of the products.