



INDUSTRENE® 105 LIQUID

Version: 1.2
DATE OF ISSUE: 01/08/2006
Date printed: 12/05/2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : INDUSTRENE® 105 LIQUID

Chemical name: Oleic Acid

Use of substance/preparation: No specific information.

Supplier: Chemtura USA Corporation
Chemtura Corporation (Worldwide HQ)
199 Benson Road
Middlebury, CT 06749 USA

DISTRIBUTED BY
R. E. CARROLL, INC.
1570 NORTH OLDEN AVENUE
TRENTON, NJ 08638-3204
609-695-6211 / 800-257-9365

Emergency telephone number CHEMTREC (24 hours) 800-424-9300
Chemtura Corporation Emergency Response
(24 hours) 800-292-5898
**For additional emergency telephone numbers
see section 16 of the Safety Data Sheet.**

Environmental, Health and Safety Department: 866-430-2775

Customer Service: 877-948-2660

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
9-Octadecenoic acid CAS# 112-80-1	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

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4. FIRST AID MEASURES

Swallowing

Do not induce vomiting., Obtain medical attention.

Skin contact

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 discomfort persists.

5. FIRE-FIGHTING MEASURES

Flash point: 379 °F 193 °C

Hazardous combustion products

Carbon monoxide.
Carbon dioxide.

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

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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

EXPOSURE LIMIT VALUES

No other exposure limits have been established

PERSONAL PROTECTION**Respiratory protection**

No special respiratory protection is normally required.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical state	Liquid
Color	Light yellow
Odor	Mild - typically fatty

OTHER PROPERTIES

Boiling point	> 315 °C > 600 °F
Melting point	11 - 14 °C 52 - 57 °F

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Density	0.88 g/cm3 at 20 °C
Solubility in water	Insoluble
Flash point	379 °F 193 °C 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.

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



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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.

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



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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 %
9-Octadecenoic acid	112-80-1	

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

Chemical name	CAS#	New Jersey TS Number
9-Octadecenoic 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.
- 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

Emergency Telephone Numbers

Latin America:	All	+44 (0)208 762 8322
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HMIS RATING

Health: 1	Flammability: 1	Reactivity: 0	PPI:
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STP	Standard temperature and pressure
W/W	Weight/Weight 0 (HMIS)
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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