

SAFETY DATA SHEET

Oleyl Imidazoline



CHEM INTERNATIONAL

Revision Date: 09/28/2018

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Oleyl Imidazoline

Chemical Name : Imidazoline derivative

Manufacturer or supplier's details

Company : Chem International
Address : 6099 Ponders Court
Greenville, SC 29615

Telephone : (864) 458-7868
Telefax : (864) 458-7783

Emergency telephone : 24 Hour Emergency Response Information
CHEMTREC toll free: 1-800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Surfactant

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion : Category 1A
Serious eye damage : Category 1

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.

Precautionary Statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON

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CENTER or doctor/ physician.
P363 Wash contaminated clothing before reuse.
Storage:
P405 Store locked up.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

May cause irritation of respiratory tract.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration [%]
Imidazoline derivative	21652-27-7	>= 99 - <= 100

SECTION 4. FIRST AID MEASURES

If inhaled : If breathed in, move person into fresh air.
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
If eye irritation persists, consult a specialist.

If swallowed : If large quantities of this material are swallowed, call a physician immediately.

Most important symptoms and effects, both acute and delayed : See section 2 and 11

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : > 93.33 °C (> 199.99 °F)
Method: closed cup

Upper explosion limit : No data available
Lower explosion limit : No data available

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- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.
- Specific extinguishing methods : Standard procedure for chemical fires.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
- Environmental precautions : Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Neutralize with acid.
Soak up with inert absorbent material.
Sweep up and shovel into suitable containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin, eyes and clothing.
Handle in accordance with good industrial hygiene and safety practice.
Use only with adequate ventilation/personal protection.
- Conditions for safe storage : Store in original container.
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Materials to avoid : No special restrictions on storage with other products.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection	: In the case of vapor formation use a respirator with an approved filter.
Hand protection	
Remarks	: Impervious gloves
Eye protection	: Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	: Impervious clothing
Hygiene measures	: Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: clear, yellow-orange
Odor	: amine-like
Odor threshold	: No data available
pH	: 10.5 - 12, 10% In water
Melting point	: No data available
Boiling point	: 190.56 °C (375.01 °F)
Flash point	: > 93.33 °C (> 199.99 °F) Method: closed cup
Evaporation rate	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative density	: 0.9171
Density	: No data available
Solubility(ies)	
Water solubility	: No data available
Solubility in other solvents	: Solvent: No data available
Partition coefficient: n-octanol/water	: No data available
Viscosity, dynamic	: No data available

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No data available
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: Do not get in eyes or mouth or on skin.
Incompatible materials	: Oxidizing Agents Strong acids
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as: Carbon monoxide Ammonia Carbon dioxide (CO ₂) Nitrogen oxides (NO _x)

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : LD50 Rat: 3,160 mg/kg ml/kg

Skin corrosion/irritation

Product:

Remarks: No data available

Serious eye damage/eye irritation

Product:

Remarks: No data available

Respiratory or skin sensitization

Product:

Remarks: No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

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STOT-single exposure

No data available

STOT-repeated exposure

No data available **Aspiration**

toxicity

No data available

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : Remarks: No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Additional ecological information : No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.
Dispose of contents/container to an approved waste disposal plant.

SECTION 14. TRANSPORT INFORMATION

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International Regulation

IATA-DGR

UN/ID No. : 3267
Proper shipping name : Corrosive liquid, basic, organic, n.o.s.
(Oleyl hydroxyethyl imidazoline)
Class : 8
Packing group : III
Labels : 8
Packing instruction (cargo aircraft) : 856
Packing instruction (passenger aircraft) : 852

IMDG-Code

UN number : 3267
Proper shipping name : CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
(Oleyl hydroxyethyl imidazoline)
Class : 8
Packing group : III
Labels : 8
EmS Code : F-A, S-B
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number : 3267
Proper shipping name : Corrosive liquid, basic, organic, n.o.s.
(Oleyl hydroxyethyl imidazoline)
Class : 8
Packing group : III
Labels : 8
ERG Code : 153
Marine pollutant : no

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know

Imidazoline derivative 21652-27-7 90 - 100 %

New Jersey Right To Know

Imidazoline derivative 21652-27-7 90 - 100 %

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

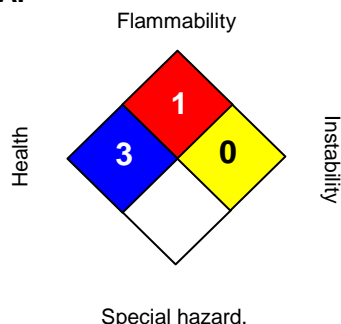
TSCA All chemical substances in this product are listed on the TSCA Inventory.
REACH On the inventory, or in compliance with the inventory
DSL All components of this product are on the Canadian DSL.
AICS On the inventory, or in compliance with the inventory
ENCS On the inventory, or in compliance with the inventory
ISHL On the inventory, or in compliance with the inventory
IECSC On the inventory, or in compliance with the inventory

For explanation

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS II:

HEALTH	3
FLAMMABILITY	1
Reactivity	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Key or legend to abbreviations and acronyms used in the safety data sheet

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

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Further Information:

Product classified under the US GHS format.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.