

# SAFETY DATA SHEET

## Oleyl Imidazoline

Version 1.0



CHEM INTERNATIONAL

Revision Date: 05/15/2015

### 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;  
direct/international: 1-703-527-3887

#### 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  
Skin sensitization : Category 1  
Reproductive toxicity : Category 1B

#### GHS Label element

Hazard pictograms : The image shows two GHS hazard pictograms side-by-side. The first is a red diamond with a black silhouette of a person with a starburst on their chest, representing 'Health Hazard'. The second is a red diamond with a black exclamation mark, representing 'Irritant' or 'Harmful'.

Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H360 May damage fertility or the unborn child.

Precautionary Statements : **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and



understood.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P281 Use personal protective equipment as required.

**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 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P310 Immediately call a POISON CENTER or doctor/ physician.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

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	>= 90 - <= 100
Alkanolamine	111-41-1	> 1 - <= 5

**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.

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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.

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### SECTION 5. FIRE-FIGHTING MEASURES

#### Flammable properties

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

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.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.

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.

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### 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.

Materials to avoid : No special restrictions on storage with other products.



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**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 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: Avoid contact with skin, eyes and clothing. Wash hands before eating, drinking, or smoking.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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

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### SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Hazardous polymerization does not occur.
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 <sub>2</sub> ) Nitrogen oxides (NO <sub>x</sub> )

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### 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

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## 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.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

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

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## 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

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## SECTION 15. REGULATORY INFORMATION

**SARA 311/312 Hazards** : Acute Health Hazard  
Chronic 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 %
Alkanolamine	111-41-1	1 - 5 %

#### New Jersey Right To Know

Imidazoline derivative	21652-27-7	90 - 100 %
Alkanolamine	111-41-1	1 - 5 %

**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.

**CH INV** The mixture contains substances listed on the Swiss Inventory

**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

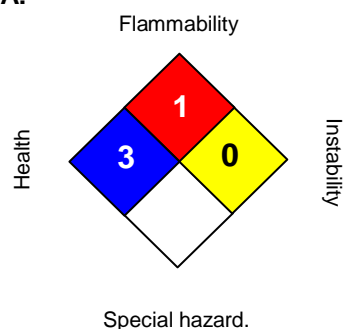
#### Inventories

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

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS II:

<b>HEALTH</b>	<b>3</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>

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



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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.