



# ACETONITRILE (15N, 98%+)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 28/08/2014

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Version: 3.2

NLM-175

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

|                |                            |
|----------------|----------------------------|
| Product form   | : Substance                |
| Substance name | : ACETONITRILE (15N, 98%+) |
| EC Index-No.   | : 608-001-00-3             |
| EC-No.         | : 200-835-2                |
| CAS-No.        | : 14149-39-4               |
| Product code   | : NLM-175                  |
| Formula        | : CH <sub>3</sub> C*N      |
| Synonyms       | : Methyl cyanide. ACN.     |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

|                                  |                             |
|----------------------------------|-----------------------------|
| Main use category                | : Professional use          |
| Industrial/Professional use spec | : For professional use only |

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Cambridge Isotope Laboratories, Inc.  
50 Frontage Road  
Andover, MA 01810  
USA

USA: 1-800-322-1174 Int: 1-978-749-8000

[cilsales@isotope.com](mailto:cilsales@isotope.com) [www.isotope.com](http://www.isotope.com)

### Emergency telephone number

Emergency numbers:

Chemtrec: 1-800-424-9300 (24 hours)

International: 1-703-741-5970 (24 hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|                           |      |
|---------------------------|------|
| Flam. Liq. 2              | H225 |
| Acute Tox. 4 (Oral)       | H302 |
| Acute Tox. 4 (Dermal)     | H312 |
| Acute Tox. 4 (Inhalation) | H332 |
| Eye Irrit. 2              | H319 |

Full text of hazard classes and H-statements : see section 16

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F; R11

Xn; R20/21/22

Xi; R41

Full text of R-phrases: see section 16

#### GHS-US classification

|                           |      |
|---------------------------|------|
| Flam. Liq. 2              | H225 |
| Acute Tox. 4 (Oral)       | H302 |
| Acute Tox. 4 (Dermal)     | H312 |
| Acute Tox. 4 (Inhalation) | H332 |
| Eye Irrit. 2A             | H319 |

Full text of H statements : see section 16

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### Adverse physicochemical, human health and environmental effects

Lungs, Blood, Kidney, Liver, Central nervous system.

## 2.2. Label elements

### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazard statements (CLP) :

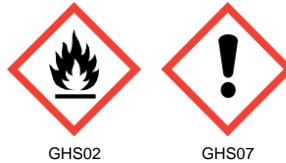
H225 - Highly flammable liquid and vapor  
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled  
H319 - Causes serious eye irritation

Precautionary statements (CLP) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical, lighting, ventilating equipment  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapors.  
P264 - Wash Both hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.

### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H225 - Highly flammable liquid and vapor  
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled  
H319 - Causes serious eye irritation

Precautionary statements (GHS-US) :

P210 - Keep away from sparks, open flames, hot surfaces, heat. - No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment  
P241 - Use explosion-proof electrical, lighting, ventilating equipment  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing fume, gas, mist, spray, vapors.  
P264 - Wash Both hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear eye protection, face protection, protective clothing, protective gloves.  
P301+P312 - If swallowed: Call a doctor if you feel unwell  
P302+P352 - If on skin: Wash with plenty of water  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep 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  
P312 - Call a doctor if you feel unwell  
P321 - Specific treatment (see First aid measures on this label)  
P330 - Rinse mouth.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use Alcohol resistant foam, Carbon dioxide, Dry chemical, Water spray to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container to Comply with applicable regulations

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### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

| Name                     | Product identifier  | %   | Classification according to Directive 67/548/EEC |
|--------------------------|---|-----|--|
| ACETONITRILE (15N, 98%+) | (CAS-No.) 14149-39-4<br>(EC-No.) 200-835-2<br>(EC Index-No.) 608-001-00-3 | 100 | F; R11<br>Xn; R20/21/22<br>Xi; R41               |

| Name                     | Product identifier  | %   | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|--------------------------|---|-----|---|
| ACETONITRILE (15N, 98%+) | (CAS-No.) 14149-39-4<br>(EC-No.) 200-835-2<br>(EC Index-No.) 608-001-00-3 | 100 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2, H319 |

Full text of R- and H- phrases: see section 16

| Name   | Product identifier   | %   | GHS-US classification  |
|--|----------------------|-----|--|
| ACETONITRILE (15N, 98%+)<br>(Main constituent) | (CAS-No.) 14149-39-4 | 100 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Eye Irrit. 2A, H319 |

Full text of H-phrases: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area.  |
| First-aid measures after inhalation   | : When symptoms occur: go into open air and ventilate suspected area. If not breathing give artificial respiration. Get medical advice/attention. |
| First-aid measures after skin contact | : Wash with plenty of soap and water. and soap. Get immediate medical advice/attention.   |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes.  |
| First-aid measures after ingestion    | : Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention.                                |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |   |
|-------------------------------------|---|
| Symptoms/effects after inhalation   | : Harmful if inhaled.                                       |
| Symptoms/effects after skin contact | : Harmful if absorbed through skin. Causes skin irritation. |
| Symptoms/effects after eye contact  | : Causes serious eye irritation.                            |
| Symptoms/effects after ingestion    | : Harmful if swallowed.                                     |

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

### 5.2. Special hazards arising from the substance or mixture

Reactivity : Vapors may form explosive mixture with air.

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Fight fire with normal precautions from a reasonable distance. Wear a self contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Wear recommended personal protective equipment.   |

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Avoid breathing vapors, mist, gas. Avoid dust formation.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Do not allow to enter drains or water courses. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

For containment : Clean up any spills as soon as possible, using an absorbent material to collect it. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation to minimize dust and/or vapor concentrations.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety practice.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Store in a well-ventilated place. Keep container tightly closed.

Storage conditions : Store at room temperature away from light and moisture.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| ACETONITRILE (15N, 98%+) (14149-39-4) |                       |   |
|---------------------------------------|-----------------------|---|
| Italy - Portugal - USA ACGIH          | ACGIH TWA (ppm)       | 20.00000000 ppm Lower Respiratory Tract irritation. Not classifiable as a human carcinogen. |
| USA OSHA                              | OSHA PEL (TWA) (ppm)  | 40 ppm  |
| USA OSHA                              | OSHA PEL (STEL) (ppm) | 60 ppm  |

#### 8.2. Exposure controls

Appropriate engineering controls : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Personal protective equipment : Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.



Materials for protective clothing : Wear suitable protective clothing and gloves.

Hand protection : Wear suitable protective clothing and gloves.

Eye protection : Wear eye protection. Chemical goggles or face shield with safety glasses.

Skin and body protection : Wear suitable protective clothing, gloves and eye/face protection.

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator.

Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Liquid, clear

Molecular mass : 42.04 g/mol (Labeled)

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|   |   |
|---|---|
| Color                                       | : Colorless   |
| Odor  | : Ether-like  |
| Odor threshold                              | : No data available   |
| pH  | : No data available   |
| Relative evaporation rate (butyl acetate=1) | : No data available   |
| Melting point                               | : -48 °C (-54°F)  |
| Freezing point                              | : No data available   |
| Boiling point                               | : 81 - 82 °C (178 - 180 °F)   |
| Flash point                                 | : 2 °C (35.6 °F) - closed cup   |
| Auto-ignition temperature                   | : 524 °C (975.2 °F)   |
| Decomposition temperature                   | : No data available   |
| Flammability (solid, gas)                   | : No data available   |
| Vapor pressure                              | : 73.18 hPa (54.89 mmHg) at 15°C (59 °F),<br>119.81 hPa (89.86 mmHg) at 25°C(77 °F) |
| Relative vapor density at 20 °C             | : 1.42 - (Air = 1.0)  |
| Relative density                            | : No data available   |
| Solubility                                  | : Water: 100 %  |
| Log Pow                                     | : -0.54 at 25 °C (77 °F)  |
| Log Kow                                     | : No data available   |
| Viscosity, kinematic                        | : No data available   |
| Viscosity, dynamic                          | : No data available   |
| Explosive properties                        | : No data available   |
| Oxidizing properties                        | : No data available   |
| Explosion limits                            | : 3 - 16 % (V)  |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Vapors may form explosive mixture with air.

### 10.2. Chemical stability

Stable if stored under recommended conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Avoid Heat, Flames and Sparks.

### 10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents, Alkali metals.

### 10.6. Hazardous decomposition products

Formed under fire conditions: Carbon oxides, Nitrogen oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed. Dermal: Harmful in contact with skin. Inhalation: Harmful if inhaled.

| ACETONITRILE (15N, 98%+) (14149-39-4) |                            |
|---------------------------------------|----------------------------|
| LD50 dermal rabbit                    | 2000 mg/kg                 |
| LC50 inhalation rat (mg/l)            | ≥ 26.8 mg/l                |
| ATE CLP (oral)                        | 500.000 mg/kg body weight  |
| ATE CLP (dermal)                      | 2000.000 mg/kg body weight |
| ATE CLP (gases)                       | 4500.000 ppmV/4h           |
| ATE CLP (vapors)                      | 11.000 mg/l/4h             |
| ATE CLP (dust, mist)                  | 1.500 mg/l/4h              |

|                               |  |
|-------------------------------|--|
| Skin corrosion/irritation     | : Not classified<br>Skin - Rabbit - No skin irritation                 |
| Serious eye damage/irritation | : Causes serious eye irritation.<br>Eyes - Rabbit - Irritating to eyes |

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|   |  |
|---|--|
| Respiratory or skin sensitization                   | : Did not cause sensitization on laboratory animals.<br>Buehler Test - Guinea pig - Did not cause sensitisation on laboratory animals.   |
| Germ cell mutagenicity                              | : Not classified   |
| Carcinogenicity                                     | : No evidence of carcinogenicity in animal studies (when indicated).   |
| Reproductive toxicity                               | : Animal testing did not show any effects on fertility.  |
| Specific target organ toxicity – single exposure    | : Not classified<br>The substance or mixture is not classified as specific target organ toxicant.  |
| Specific target organ toxicity – repeated exposure  | : Not classified<br>The substance or mixture is not classified as specific target organ toxicant.  |
| Aspiration hazard                                   | : Not classified   |
| Potential Adverse human health effects and symptoms | : Treat as cyanide poisoning. Always have on hand a cyanide first-aid kit, together with proper instructions. The onset of symptoms is generally delayed pending conversion to cyanide. Nausea, Vomiting, Diarrhea, Headache, Dizziness, Rash, Cyanosis, Excitement, Depression, Drowsiness, Impaired judgment, Lack of coordination, Stupor, Death. Lungs - Lung edema - Based on human evidence. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. |
| Symptoms/effects after inhalation                   | : Harmful if inhaled.  |
| Symptoms/effects after skin contact                 | : Harmful if absorbed through skin. Causes skin irritation.  |
| Symptoms/effects after eye contact                  | : Causes serious eye irritation.   |
| Symptoms/effects after ingestion                    | : Harmful if swallowed.  |

## SECTION 12: Ecological information

### 12.1. Toxicity

| ACETONITRILE (15N, 98%+) (14149-39-4) |  |
|---------------------------------------|--|
| LC50 fish 1                           | 1640 mg/l Pimephales promelas (fathead minnow) - 96h |
| EC50 Daphnia 1                        | 3600 mg/l Daphnia magna (Water flea) - 48 h          |
| NOEC (chronic)                        | 160 mg/l Daphnia magna (Water flea) - 21 d           |

### 12.2. Persistence and degradability

| ACETONITRILE (15N, 98%+) (14149-39-4) |   |
|---------------------------------------|---|
| Persistence and degradability         | Biodegradability Result: - Readily biodegradable. |

### 12.3. Bioaccumulative potential

| ACETONITRILE (15N, 98%+) (14149-39-4) |  |
|---------------------------------------|--|
| Log Pow                               | -0.54 at 25 °C (77 °F)                               |
| Bioaccumulative potential             | No bioaccumulation is to be expected (log Pow <= 4). |

### 12.4. Mobility in soil

| ACETONITRILE (15N, 98%+) (14149-39-4) |                                 |
|---------------------------------------|---------------------------------|
| Ecology - soil                        | Not expected to absorb on soil. |

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Other adverse effects : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Waste materials should be disposed of under conditions which meet Federal, State, and local environmental control regulations.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No.(DOT) : 1648  
DOT NA no. UN1648

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Acetonitrile

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Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger  
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.  
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)  
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.  
DOT Packaging Exceptions (49 CFR 173.xxx) : 150  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202  
DOT Packaging Bulk (49 CFR 173.xxx) : 242  
DOT RQ : 5000 lbs  
Marine pollutant : No

### 14.3. Additional information

Other information : No supplementary information available.

#### Overland transport

Packing group (ADR) : II  
Class (ADR) : 3 - Flammable liquid  
Hazard identification number (Kemler No.) : 33  
Classification code (ADR) : F1  
Hazard labels (ADR) : 3 - Flammable liquids



Orange plates : An orange rectangular label with a black border. It is divided into two horizontal sections. The top section contains the number "33" and the bottom section contains the number "1648".

Tunnel restriction code (ADR) : D/E  
Limited quantities (ADR) : 11  
EAC : •2YE  
Excepted quantities (ADR) : E2

#### Transport by sea

DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.  
DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"  
MFAG-No : 127

#### Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5L

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DOT Quantity Limitations Cargo aircraft only (49 : 60 L  
CFR 175.75)

Civil Aeronautics Law : Flammable liquids

### 14.4. Environmental hazards

Other information : No supplementary information available.

### 14.5. Special precautions for user

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

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

| ACETONITRILE (15N, 98%+) (14149-39-4)              |   |
|--|---|
| SARA Section 302 Threshold Planning Quantity (TPQ) | Subject to reporting requirements of United States SARA Section 302               |
| SARA Section 311/312 Hazard Classes                | Fire hazard<br>Immediate (acute) health hazard<br>Delayed (chronic) health hazard |
| SARA Section 313 - Emission Reporting              | Subject to reporting requirements of United States SARA Section 313               |

### 15.2. International regulations

#### CANADA

| ACETONITRILE (15N, 98%+) (14149-39-4)                 |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

#### 15.2.1. National regulations

No additional information available

### 15.3. US State regulations

| ACETONITRILE (15N, 98%+)(14149-39-4)                                |   |
|---|---|
| U.S. - California - Proposition 65 - Carcinogens List               | No  |
| U.S. - California - Proposition 65 - Developmental Toxicity         | No  |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | No  |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male   | No  |
| State or local regulations  | U.S. - Massachusetts - Right To Know List<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - New Jersey - Right to Know Hazardous Substance List |

## SECTION 16: Other information

Other information : This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

Full text of R-, H- and EUH-phrases:

|                           |  |
|---------------------------|--|
| Acute Tox. 4 (Dermal)     | Acute toxicity (dermal) Category 4           |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4       |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral) Category 4             |
| Eye Irrit. 2              | Serious eye damage/eye irritation Category 2 |
| Flam. Liq. 2              | Flammable liquids Category 2                 |
| H225                      | Highly flammable liquid and vapor            |
| H302                      | Harmful if swallowed                         |
| H312                      | Harmful in contact with skin                 |
| H319                      | Causes serious eye irritation                |



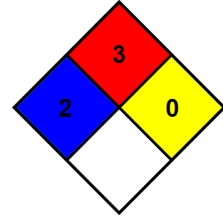
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|           |  |
|-----------|--|
| H332      | Harmful if inhaled   |
| R11       | Highly flammable   |
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed |
| R41       | Risk of serious damage to eyes                               |
| F         | Highly flammable   |
| Xi        | Irritant   |
| Xn        | Harmful  |

- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



### Hazard Rating

- Health : 2 Moderate Hazard - Temporary or minor injury may occur
- Flammability : 3 Serious Hazard
- Physical : 0 Minimal Hazard

CIL Substance SDS

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*