



P405  
P501

Store locked up.  
Dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC) or not covered by GHS-** None

To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

### Section 3: Composition/Information on Ingredients

| Ingredient                | CAS Number | Concentration (%) |
|---------------------------|------------|-------------------|
| Acrylic acid, sodium salt | 7446-81-3  | 100               |

### Section 4: First Aid Measures

#### Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

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

No data available

### Section 5: Fire-Fighting Measures

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Carbon oxides, sodium oxides

#### Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

No data available

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Keep unprotected persons away. Avoid breathing dust. For personal protection see section 8.

### Environmental precautions

Do not let product enter drains.

### Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### Reference to other sections

For disposal see section 13.

## Section 7: Handling and Storage

### Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2

### Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well ventilated place. Moisture sensitive. Heat sensitive.

### Specific end use(s)

Laboratory chemicals, Manufacture of substances

## Section 8: Exposure Controls/Personal Protection

### Control parameters

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Exposure controls

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

### Personal protective equipment

### Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### Body Protection

Impermeable clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

For nuisance exposures use type P95(US) or type P1(EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

### Control of environmental exposure

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

|    |  |                   |
|----|--|-------------------|
| a) | Appearance                                   | Form: Liquid      |
| b) | Odor   | No data available |
| c) | Odor Threshold                               | No data available |
| d) | pH   | No data available |
| e) | Melting point/freezing point                 | >300° C (>572° F) |
| f) | Initial boiling point and boiling range      | No data available |
| g) | Flash point                                  | No data available |
| h) | Evaporation rate                             | No data available |
| i) | Flammability (solid, gas)                    | No data available |
| j) | Upper/lower flammability or explosive limits | No data available |
| k) | Vapor pressure                               | No data available |
| l) | Vapor density                                | No data available |
| m) | Relative density                             | No data available |
| n) | Water solubility                             | No data available |
| o) | Partition coefficient: n- octanol/water      | No data available |
| p) | Auto-ignition temperature                    | No data available |
| q) | Decomposition temperature                    | No data available |
| r) | Viscosity                                    | No data available |
| s) | Explosive properties                         | No data available |
| t) | Oxidizing properties                         | No data available |

### Other safety information

No data available

## Section 10: Stability and Reactivity

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

No data available

### Conditions to avoid

Avoid moisture. Heat.

### Incompatible materials

Peroxides, oxidizing agents

### Hazardous decomposition products

Other decomposition products- No data available

In the event of fire: see section 5

## Section 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

LD50 Oral- Rat-male and female- >5,000mg/kg  
(OECD Test Guideline 401)

Dermal: No data available

**Skin corrosion/irritation**

Skin-Rabbit

Result-No skin irritation

**Serious eye damage/eye irritation**

Eyes-Rabbit

Result-No eye irritation

**Respiratory or skin sensitization**

Guinea Pig

Did not cause sensitization on laboratory animals

**Germ cell mutagenicity**

In vitro assay

Ovary

Result- Negative

Mouse- Male and female

Result-Negative

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

No data available

**Specific target organ toxicity- single exposure (GHS)**

No data available

**Specific target organ toxicity- repeated exposure (GHS)**

No data available

**Aspiration hazard**

No data available

**Additional Information**

Repeated dose toxicity-Rat-male-Oral-No observed adverse effect level-40mg/kg-Lowest observed adverse effect level-100mg/kg

**Additional Information**

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Section 12: Ecological Information****Toxicity**

Toxicity to fish

Flow through test LC50- Oncorhynchus mykiss (Rainbow Trout)- 27mg/l-96 h

Toxicity to daphnia and other aquatic invertebrates

Flow through test EC50-Daphnia magna (Water Flea)-95mg/l-48 h

Toxicity to algae

Static test EC50-Desmodesmus subspicatus (Scenedesmus subspicatus)-  
0.205mg/l-72 h

**Persistence and degradability**

Biodegradability

Aerobic-Exposure time 28 d  
Result-80-90% -Readily biodegradable

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available

### Section 13: Disposal Considerations

**Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

### Section 14: Transport Information

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### Section 15: Regulatory Information

**SARA 302 Components**

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

**SARA 313 Components**

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.

**SARA 311/312 Hazards**

Acute Health Hazard

**Massachusetts Right to Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right to Know Components**

Acrylic acid, sodium salt

CAS-No.  
7446-81-3

**New Jersey Right to Know Components**

Acrylic acid, sodium salt

**California Prop. 65 Components**

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

**Section 16: Other Information****HMIS Rating**

Health: 2  
Flammability: 0  
Reactivity: 0

**NFPA Rating**

Health: 2  
Flammability: 0  
Reactivity: 0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.