



# SAFETY DATA SHEET

Preparation Date: 10/6/2016 Revision Date: Not Applicable Revision Number: Not Applicable

## 1. IDENTIFICATION

**Product identifier** 

Product code: A2164

Product Name: ACRYLIC ACID

Other means of identification

Synonyms: Acroleic acid

Acrylic acid, glacial Ethylenecarboxylic acid Glacial acrylic acid

RCRA waste number U008

Vinylformic acid Acrylic acid (ACGIH) Propene acid Propenoic acid

2-Propenoic acid (9CI)

CAS #: 79-10-7
RTECS # AS4375000
CI#: Not available

Recommended use of the chemical and restrictions on use

**Recommended use:** For manufacturing or laboratory use only.

**Uses advised against** Not for food or drug use.

Supplier: Spectrum Chemical Mfg. Corp 14422 South San Pedro St.

Gardena, CA 90248 (310) 516-8000.

Order Online At: https://www.spectrumchemical.com

Emergency telephone numberChemtrec 1-800-424-9300Contact Person:Martin LaBenz (West Coast)Contact Person:Ibad Tirmiz (East Coast)

## 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 3
Acute toxicity - Inhalation (Vapors)	Category 4
Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable liquids	Category 3

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#### Label elements

#### Danger

#### Hazard statements

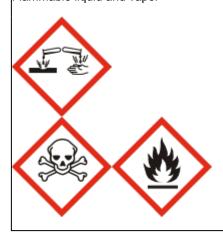
Toxic in contact with skin Harmful if inhaled

Harmful if swallowed

Causes severe skin burns and eye damage

May cause respiratory irritation

Flammable liquid and vapor



#### Hazards not otherwise classified (HNOC)

Not Applicable

#### Other hazards

Very toxic to aquatic life with long lasting effects

Very toxic to aquatic life

May violently polymerize

## **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

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

Use only outdoors or in a well-ventilated area

Do not breathe dust/fume/gas/mist/vapors/spray

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof electrical/ventilating/lighting/ .? /equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Keep cool

#### **Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician

IN CASE OF FIRE: Use dry chemical, water spray, alcohol-resistant foam or CO2 to extinguish.

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 CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

Call a POISON CENTER or doctor/physician if you feel unwell

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

### **Precautionary Statements - Storage**

Store locked up

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Store in a well-ventilated place. Keep container tightly closed Store in a well-ventilated place. Keep cool

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Acrylic Acid	79-10-7	100

## 4. FIRST AID MEASURES

First aid measures

General Advice: National Capital Poison Center in the United States can provide assistance if you

have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. First aider needs to protect

himself.

**Skin Contact:** Wash off immediately with plenty of water for at least 15 minutes. Remove all contaminated

clothes and shoes. Immediate medical attention is required. Call a physician or Poison

Control Centre immediately. Toxic in contact with skin.

Eye Contact: Flush eyes with water for 15 minutes. Immediate medical attention is required. Call a

physician immediately.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give

oxygen. WARNING! It may be hazardous to the person providing aid to give

mouth-to-mouth resuscitation when the inhaled or ingested material is toxic, infectious or corrosive. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is

required.

**Ingestion:** Do not induce vomiting without medical advice. Never give anything by mouth to an

unconscious person. Immediate medical attention is required. Call a physician or Poison

Control Center immediately.

Most important symptoms and effects, both acute and delayed

**Symptoms** Severe skin and eye irritation or burns. Causes severe skin burns and eye damage. Burning

sensation in the mouth and stomach. Can burn mouth, throat, and stomach. Toxic in contact with skin. Harmful if swallowed or if inhaled. Irritating to respiratory system. May cause digestive (gastrointestinal) tract irritation. May cause perforation of the digestive tract.

May cause irritation of respiratory tract.

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

**Protection of first-aiders** 

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing Media** 

Suitable Extinguishing Media: Dry chemical. Carbon dioxide (CO2). Water spray, mist, or

foam.

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Unsuitable Extinguishing Media: Do not use a solid (straight) water stream as it may scatter

and spread fire.

Specific hazards arising from the chemical

Hazardous Combustion Products: Carbon Oxides.

Specific hazards: Flammable

May be ignited by heat, sparks or flames

Container explosion may occur under fire conditions or

when heated

Most vapors are heavier than air. They will spread along the ground and collect in low or confined areas (sewers,

basements, tanks)

**Special Protective Actions for Firefighters** 

**Specific Methods:** For larger fires, use water spray or fog. Cool containers

with flooding quantities of water until well after fire is out. Dike fire-control water for later disposal; do not scatter the

material.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus

pressure-demand, MSHA/NIOSH (approved or equivalent)

and full protective gear

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid

contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protective equipment. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the

product must be grounded. Remove all sources of ignition.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

**Methods for containment**Absorb spill with inert material (e.g. vermiculite, dry sand or earth). In case of large

spill, dike if needed. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up**Use appropriate tools to put the spilled material in a suitable chemical waste

disposal container. Clean contaminated surface thoroughly.

#### 7. HANDLING AND STORAGE

## Precautions for safe handling

#### **Technical Measures/Precautions:**

Provide sufficient air exchange and/or exhaust in work rooms. All equipment used when handling the product must be grounded. Remove all sources of ignition. Keep away from incompatible materials.

## Safe Handling Advice

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Do not ingest. Keep away from sources of ignition - no smoking. Handle in accordance with good industrial hygiene and safety practice.

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## Conditions for safe storage, including any incompatibilities

## **Technical Measures/Storage Conditions:**

Keep container tightly closed in a dry and well-ventilated place. Moisture sensitive. Protect from moisture. Air sensitive. Protect from light. Sensitive to light. Store in light-resistant containers. Store away from incompatible materials. Store in a segregated and approved area.

#### **Incompatible Materials:**

Strong oxidizing agents

Strong bases

Oxygen

Peroxides

Polymerization initiators/accelerators

Amines

Acids

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

## National occupational exposure limits

#### **United States**

	Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WHEEL
Γ	Acrylic Acid	79-10-7	None	2 ppm TWA	2 ppm TWA	None
-				I 6 ma/m³ TWA		

#### Canada

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Acrylic Acid	79-10-7	2 ppm TWA 5.9 mg/m³ TWA	2 ppm TWA	2 ppm TWA	2 ppm TWAEV 5.9 mg/m³ TWAEV

#### **Australia and Mexico**

Components	CAS-No.	Australia	Mexico
Acrylic Acid	79-10-7	2 ppm TWA	None
		5.9 ma/m <sup>3</sup> TWA	

#### **Appropriate engineering controls**

Engineering measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors and mist below their respective threshold limit value.

## Individual protection measures, such as personal protective equipment

## **Personal Protective Equipment**

**Eye protection:** Goggles or Face-shield

**Skin and body protection:** Gloves. Long sleeved clothing. Chemical resistant apron.

**Respiratory protection:** Vapor respirator. Be sure to use an approved/certified respirator or equivalent.

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Hygiene measures: Avoid contact with skin, eyes and clothing. When using, do not eat, drink or

smoke. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Appearance: Color: Clear. Colorless. Liquid

Odor: **Taste** Formula: Stench. No information available. C3H4O2

Flashpoint (°C/°F): Molecular/Formula weight: Flammability:

72.06 Flammable 46° - 50°C (114.8° - 122°F)

Flash Point Tested according to: Autoignition Temperature (°C/°F): Lower Explosion Limit (%):

Closed cup 438°C (820.4°F) 2% (V)

**Upper Explosion Limit (%):** Melting point/range(°C/°F): **Decomposition temperature(°C/°F):** 

13.7% (V) 13°C (55°F) No information available

Boiling point/range(°C/°F): **Bulk density:** Density (g/cm3):

139°C (282°F) No information available 1.051

Specific gravity: Vapor pressure @ 20°C (kPa): pH:

1.05 1.0 - 2.00.53

**Evaporation rate:** Vapor density: VOC content (g/L): No information available 2.5 (Air = 1.0)No information available

Odor threshold (ppm): Partition coefficient Viscosity:

No information available (n-octanol/water): No information available

log Pow = 0.46

Miscibility: Solubility: Miscible with water Completely soluble in water

Miscible with Ether Soluble in Ethanol Miscible with alcohol Soluble in Acetone

Soluble in Chloroform

## 10. STABILITY AND REACTIVITY

Reactivity

Reactive with oxidizing agents

Reactive with acids

Reactive with amines and alkali metals

Chemical stability

Sensitive to light. Sensitive to air. Moisture Sensitive. Stable under recommended storage Stability:

conditions.

Possibility of Hazardous Reactions: Hazardous polymerization may occur.

Conditions to avoid: Exposure to light. Exposure to air. Exposure to moisture. Heat. Ignition sources.

Incompatible materials.

**Incompatible Materials:** Strong oxidizing agents

> Strong bases Oxygen Peroxides

Polymerization initiators/accelerators

Product code: A2164 Product name: ACRYLIC ACID 6 / 13 Amines Acids

**Hazardous decomposition** 

products:

Carbon oxides.

Other Information

Corrosivity: No information available

Special Remarks on Corrosivity: No information available

## 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

## Principal Routes of Exposure:

Skin. Eyes. Ingestion. Inhalation.

## **Acute Toxicity**

# The following values are calculated based on chapter 3.1 of the GHS document Component Information

Acrylic Acid
CAS-No. 79-10-7

LD50/oral/rat = 193 mg/kg Oral LD50 Rat

**LD50/oral/mouse** = No information available

**LD50/dermal/rabbit** = No information available

**LD50/dermal/rat** = 295 mg/kg Dermal LD50 = 3.6 mg/L Inhalation LC50 = 11.1 mg/L Inhalation LC50 = 193 mg/kg Oral LD50

**LC50/inhalation/rat** = 5300 mg/m<sup>3</sup> Inhalation LC50 Rat 2 h

**LC50/inhalation/mouse** = No infomation available

Other LD50 or LC50information = No information available

#### **Product Information**

LD50/oral/rat =

VALUE- Acute Tox Oral = 193 mg/kg Oral LD50 Rat

LD50/oral/mouse =

Value - Acute Tox Oral = No information available

LD50/dermal/rabbit

**VALUE-Acute Tox Dermal** = No information available

LD50/dermal/rat

**VALUE -Acute Tox Dermal =** 295 mg/kg Dermal LD50 = 3.6 mg/L Inhalation LC50 = 11.1 mg/L Inhalation LC50 = 193 mg/kg Oral LD50

LC50/inhalation/rat

VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse

**VALUE-Vapor** = 5300 mg/m<sup>3</sup> Inhalation LC50 Rat 2 h

**VALUE - Gas =** No information available

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#### VALUE - Dust/Mist = No information available

**Symptoms** 

**Skin Contact:** Corrosive. Contact causes severe skin irritation and possible burns. Can cause

burning pain, inflammation and blisters. Toxic in contact with skin.

**Eye Contact:** Corrosive to the eyes and may cause severe damage including blindness. Causes

severe eye irritation and possible burns. Can cause severe injury.

**Inhalation** Irritating to respiratory system. Harmful by inhalation. Material is destructive to the

tissue of the mucous membrane and upper respiratory tract. It may cause

pulmonary edema.

Ingestion Harmful if swallowed. Causes digestive (gastrointestinal) tract irritation. Causes

digestive or gastrointestinal tract burns. May cause perforation of the digestive tract. Corrosive to the mouth, throat, and stomach. Symptoms may include a burning sensation in the mouth, throat, and stomach. Ingestion may cause

nausea, vomiting.

**Aspiration hazard** No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Chronic Toxicity** No information available.

**Sensitization:** No information available.

Mutagenic Effects: Experiments with animal lymphocytes have shown mutagenic effects

Mutagenic effects in mammalian somatic cells

Carcinogenic effects: Not considered carcinogenic.

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Acrylic Acid			Classifiable as	Not listed	Not listed	Not listed	Not listed

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity No data is available

Reproductive Effects: Experiments have shown reproductive toxicity effects on laboratory animals

**Developmental Effects:** May cause adverse developmental effects based on animal data

Teratogenic Effects: No information available

Specific Target Organ Toxicity

**STOT - single exposure** Respiratory system. **STOT - repeated exposure** No information available.

Target Organs: Liver.

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** 

**Ecotoxicity effects:** Aquatic environment.

Acrylic Acid - 79-10-7

Freshwater Algae Data: 0.17 mg/L EC50 Pseudokirchneriella subcapitata 96 h 0.04 mg/L EC50

Desmodesmus subspicatus 72 h

Freshwater Fish Species Data: 222 mg/L LC50 Brachydanio rerio 96 h semi-static 1

Water Flea Data: 95 mg/L EC50 Daphnia magna 48 h

Persistence and degradability: No information available

**Bioaccumulative potential:** No information available.

**Mobility:** No information available.

## 13. DISPOSAL CONSIDERATIONS

## **Disposal Methods**

#### Waste from residues / unused products:

Waste must be disposed of in accordance with Federal, State and Local regulation.

## Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

Components	CAS-No.	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Acrylic Acid	79-10-7	None	None	None	U008 Ignitable waste

## 14. TRANSPORT INFORMATION

DOT

UN-No: UN2218

Proper Shipping Name: Acrylic acid, stabilized

Hazard Class: 8
Subsidiary Class 3
Packing group: II
Emergency Response Guide 132P

Number

Marine PollutantNo data availableDOT RQ (lbs):No information availableSpecial ProvisionsB2, IB2, T7, TP2

Symbol(s): No information available

**Description:** UN2218, Acrylic acid, stabilized, 8 (3), II

TDG (Canada)

**UN-No:** UN2218

Proper Shipping Name: Acrylic acid, stabilized

Hazard Class: 8

Subsidiary Risk: No information available

Packing Group:

Marine Pollutant No Information available

**Description:** UN2218, Acrylic acid, stabilized, 8 (3), II

Product code: A2164 Product name: ACRYLIC ACID 9 / 13

**ADR** 

**UN-No:** UN2218

Proper Shipping Name: Acrylic acid, stabilized

Hazard Class: 8
Packing Group: ||

Subsidiary Risk: No information available

Description: UN2218, Acrylic acid, stabilized, 8 (3), II, ENVIRONMENTALLY HAZARDOUS

IMO / IMDG

**UN-No:** UN2218

Proper Shipping Name: Acrylic acid, stabilized

Hazard Class: 8

Subsidiary Risk: No information available

Packing Group:

Marine Pollutant No information available

EMS: F-E

**Description** UN2218, Acrylic acid, stabilized, 8 (3), II, Marine pollutant

RID

**UN-No:** UN2218

Proper Shipping Name: Acrylic acid, stabilized

Hazard Class: 8

Subsidiary Risk: No information available

Packing Group:

**Description:** UN2218, Acrylic acid, stabilized, 8 (3), II, ENVIRONMENTALLY HAZARDOUS

**ICAO** 

UN-No: UN2218

Proper Shipping Name: Acrylic acid, stabilized

Hazard Class: 8

Subsidiary Risk: No information available

Packing Group:

**Description:** UN2218, Acrylic acid, stabilized, 8 (3), II

**IATA** 

**UN-No:** UN2218

Proper Shipping Name: Acrylic acid, stabilized

Hazard Class: 8

Subsidiary Risk: No information available

Packing Group: II 8F

Special Provisions No information available

**Description:** UN2218, Acrylic acid, stabilized, 8 (3), II

#### 15. REGULATORY INFORMATION

#### International Inventories

Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australia (AICS)	EINECS-No.
Acrylic Acid	79-10-7	Present	Present KE-29442	Present	Present (2)-984	Present	Present	Present 201-177-9

## **U.S. Regulations**

Acrylic Acid

Massachusetts RTK: Present

New Jersey RTK Hazardous Substance List: 0023

New Jersey (EHS) List: 0023 500 lb TPQ

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New Jersey - Discharge Prevention - List of Hazardous Substances: Present

Pennsylvania RTK: Environmental hazard

Pennsylvania RTK - Environmental Hazard List Present

Minnesota - Hazardous Substance List: Present

New York Release Reporting - List of Hazardous Substances:

5000 lb RQ 100 lb RQ

Louisana Reportable Quantity List for Pollutants: 5000lbfinal RQ

2270kgfinal RQ

California Directors List of Hazardous Substances: Present

#### California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

#### Chemicals Known to the State of California to Cause Cancer:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

#### Chemicals Known to the State of California to Cause Reproductive Toxicity:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Components	CAS-No.	Carcinogen	<b>Developmental Toxicity</b>	Male	Female
			1	Reproductive	Reproductive
				Toxicity	Toxicity:
Acrylic Acid	79-10-7	Not Listed	Not Listed	Not Listed	Not Listed

#### **CERCLA/SARA**

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Acrylic Acid	79-10-7	5000 lb final RQ	None	None	None	1.0 % de minimis
		2270 kg final RQ				concentration

#### U.S. TSCA

Components		TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Acrylic Acid	79-10-7	Not Applicable	Not Applicable

#### Canada

## WHMIS hazard class:

B3 Combustible liquid D1B Toxic materials D2B Toxic materials E Corrosive material

## **Canada Controlled Products Regulation:**

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Components	WHMIS Ingredient Disclosure List -
Acrylic Acid	1 %

#### Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)
Acrylic Acid	79-10-7	Present	Not Listed

Components	CAS-No.	CEPA Schedule I - Toxic Substances
Acrylic Acid	79-10-7	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject
		to Mandatory Reporting
Acrylic Acid	79-10-7	Not listed

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#### **EU Classification**

## R-phrase(s)

R10 - Flammable.

R35 - Causes severe burns.

R36 - Irritating to eyes.

R50 - Very toxic to aquatic organisms.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

## S -phrase(s)

S24 - Avoid contact with skin.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36 - Wear suitable protective clothing.

S37 - Wear suitable gloves.

S39 - Wear eye/face protection.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

Components	CAS-No.	Classification	Concentration Limits:	Safety Phrases
Acrylic Acid	79-10-7	R10 Xn; R20/21/22 C; R35 N; R50	10%<=C C; R35 5%<=C<10% C; R34 1%<=C<5% Xi; R36/37/38	

The product is classified in accordance with Annex VI to Directive 67/548/EEC

## Indication of danger:

C - Corrosive.

Xn - Harmful.

N - Dangerous for the environment.







## **16. OTHER INFORMATION**

Preparation Date: 10/6/2016
Revision Date: Not Applicable
Prepared by: Roumann Pangilinan

Disclaimer:

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on

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technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

**End of Safety Data Sheet** 

Product code: A2164 Product name: ACRYLIC ACID 13 / 13