Safety Data Sheet
Sulfur Anode Solution

Version: 1.1
Revision date: 05/24/2024
Supersedes: 12/07/2015

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifiers

Substance Name: Sulfur Anode Solution
CAS No.: NA
Product Code: UIC, Inc. Catalog Number CM300-026

1.2. Intended Use of the Product

Use of the substance/mixture:
Name, Address, and Telephone of the Responsible Party
UIC Inc
1225 Channahon Rd
Joliet, IL 60436
Phone: (815) 744-4477
Fax: (815) 744-1561

Emergency Telephone Number
For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call emergency number: 1-815-474-8753

2. Hazards Identification of the product

2.1. Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Acute aquatic toxicity (Category 3), H402
Acute toxicity, Dermal (Category 3), H311
Acute toxicity, Dermal (Category 4), H312
Acute toxicity, Inhalation (Category 3), H331
Acute toxicity, Inhalation (Category 4), H332
Acute toxicity, Oral (Category 3), H301
Acute toxicity, Oral (Category 4), H302
Eye irritation (Category 2A), H319
Flammable liquids (Category 2), H225
Skin irritation (Category 2), H315
Specific target organ toxicity - single exposure (Category 1), H370
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2. GHS Label elements, including precautionary statements

Pictogram

Signal word Danger

Hazard statement(s)
H225 Highly flammable liquid and vapour.
H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation

H370 Causes damage to organs.
H402 Harmful to aquatic life.

Precautionary statement(s)
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P311 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/ container to an approved waste disposal plant.

2.3. Hazards not otherwise classified (HNOC) or not covered by GHS – none

3. Composition/information on ingredients

3.1. Substances

Chemical name:	Methanol
Synonyms:	Methyl Alcohol
Formula:	CH_4O
Molecular weight:	32.04 g/mol
CAS-No.:	67-56-1
EC-No.:	200-659-6
Index-No.:	603-001-00-X

Chemical name:	Pyridine
Synonyms:	
Formula:	C_5H_5NO
Molecular weight:	79.10 g/mol
CAS-No.:	110-86-1
EC-No.:	203-809-9
Index-No.:	613-002-00-7

Chemical name: Tetrabutylammonium iodide
Synonyms: TBAI
Formula: $C_{16}H_{36}IN$
Molecular Weight: 369.37 g/mol
CAS-No.: 311-28-4
EC-No.: 206-220-5

Hazardous components

Component	Classification	Concentration
Methanol	Flam. Liq. 2; Acute Tox. 3; STOT SE 1; H225, H301 + H311 + H331, H370	20-80 %
Pyridine	Flam. Liq. 2; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; Aquatic Acute 3; H225, H302 + H312 + H332, H315, H319, H402	20-80 %
Tetrabutylammonium iodide	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H302, H315, H319, H335	1-10 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First Aid Measures

4.1. 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. Take victim immediately to hospital. 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

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Fire Fighting Measures

5.1. Extinguishing media

Dry chemical, carbon dioxide, alcohol foam.

5.2. Special hazards arising from the substance or mixture

Carbon oxides, nitrogen oxides (NOx), Hydrogen Iodide

5.3. Advice for firefighters

Wear full protective clothing and NIOSH-MSHA approved SCBA. Keep fire exposed containers cool with water spray.

5.4. Further information

Emits toxic fumes when heated to decomposition. Fumes are an EXPLOSIVE hazard.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Avoid breathing dust.

For personal protection see section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3. Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

For disposal see section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

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.
Light sensitive. Hygroscopic.
Storage class (TRGS 510): Flammable liquids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure Controls and Personal Protection

8.1. Control Parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Methanol	67-56-1	TWA	200.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Headache, Nausea, Dizziness Eye damage. Substances for which there is a Biological Exposure Index or Indices (see BEI® section). Danger of cutaneous absorption		
		STEL	250.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Headache, Nausea, Dizziness Eye damage. Substances for which there is a Biological Exposure Index or Indices (see BEI® section). Danger of cutaneous absorption		
		TWA	200.000000 ppm 260.000000 mg/m^3	USA. NIOSH Recommended Exposure Limits
		Potential for dermal absorption		
		ST	250.000000 ppm 325.000000 mg/m^3	USA. NIOSH Recommended Exposure Limits
		Potential for dermal absorption		
		TWA	200.000000 ppm 260.000000 mg/m^3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m3 is approximate.		
Pyridine	110-86-1	TWA	1.000000 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Liver damage, Kidney damage, Skin irritation. Confirmed animal carcinogen with unknown relevance to humans		
		TWA	5.000000 ppm 15.000000 mg/m3	USA. NIOSH Recommended Exposure Limits
		TWA	5.000000 ppm 15.000000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
		The value in mg/m3 is approximate.		

Tetrabutylammonium iodide	311-28-4	Contains no substances with occupational exposure limit values.

Biological occupational exposure limits

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
Methanol	67-56-1	Methanol	15.0000 mg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
	Remarks	End of shift (As soon as possible after exposure ceases)			

Derived No Effect Level (DNEL)

Component	Application Area	Exposure routes	Health effect	Value
Methanol	Workers	Skin contact	Long-term systemic effects	40mg/kg BW/d
	Consumers	Skin contact	Long-term systemic effects	8mg/kg BW/d
	Consumers	Ingestion	Long-term systemic effects	8mg/kg BW/d
	Workers	Skin contact	Acute systemic effects	40mg/kg BW/d
	Consumers	Skin contact	Acute systemic effects	8mg/kg BW/d
	Consumers	Ingestion	Acute systemic effects	8mg/kg BW/d
	Workers	Inhalation	Acute systemic effects	260 mg/m^3
	Workers	Inhalation	Acute local effects	260 mg/m^3
	Workers	Inhalation	Long-term systemic effects	260 mg/m^3
	Workers	Inhalation	Long-term local effects	260 mg/m^3
	Consumers	Inhalation	Acute systemic effects	50 mg/m^3
	Consumers	Inhalation	Acute local effects	50 mg/m^3
	Consumers	Inhalation	Long-term systemic effects	50 mg/m^3
	Consumers	Inhalation	Long-term local effects	50 mg/m^3

Predicted No Effect Concentration (PNEC)

Component	Compartment	Value
Methanol	Soil	23.5 mg/kg
	Marine Water	15.4 mg/l
	Fresh Water	154 mg/l
	Fresh water sediment	570.4 mg/kg
	Onsite sewage treatment plant	100 mg/kg

8.2. Exposure Controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses 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.

Full contact
Material: Nature latex/chloroprene
Minimum layer thickness: 0.3 mm
Break through time: 480 min
Material tested: Lapren® (KCL 706 / Aldrich Z677558, Size M)

Splash contact
Material: Nitrile rubber
Minimum layer thickness: 0.4 mm
Break through time: 31 min
Material tested: Dermatril® P (KCL 743 / Aldrich Z677388, Size M)
Data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374
If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Complete suit protecting against chemicals, Flame retardant antistatic protective 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

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: liquid
b)	Color	Colorless
c)	Odor	Sharp
d)	Odor Threshold	No data available
e)	pH	No data available
f)	Melting point/freezing point	No data available
g)	Initial boiling point and boiling range	760 mmHg
h)	Flash point	52°C
i)	Evaporation rate	No data available
j)	Flammability (solid, gas)	Flammability Limits in Air % by Volume
k)	Upper/lower flammability or explosive limits	LEL= 4.7% UEL=29.3%
l)	Vapor pressure	64 mmHg
m)	Vapor density	No data available
n)	Relative density	No data available
o)	Water solubility	Soluble
p)	Partition coefficient: n-octanol/water	No data available
q)	Auto-ignition temperature	No data available
r)	Decomposition temperature	No data available

s)	Viscosity	No data available
t)	Specific gravity	0.85
u)	Explosive properties	Emits toxic fumes when heated to decomposition. Fumes are an EXPLOSIVE hazard.
v)	Oxidizing properties	No data available

9.2 Other safety information

No data available

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Elevated temperatures and pressure

10.5 Incompatible materials

Strong oxidizers, strong acids, perchlorates.

10.6 Hazardous decomposition products

Cyanide, carbon monoxide, possible ammonia.

11. Toxicological Information

11.1 Information on toxicological effects

This product has not been studied as a mixture.

	Methanol	Pyridine	Tetrabutylammonium iodide
Acute toxicity	LDLO Oral - Human - 143 mg/kg Remarks: Lungs, Thorax, or Respiration: Dyspnea. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	LD50 Oral - Rat - 891.0 mg/kg Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Ptosis. Behavioral: Somnolence (general depressed activity). Behavioral: Coma.	LD50 Oral - Rat - 1,990 mg/kg
	LD50 Oral - Rat - 1,187 - 2,769 mg/kg LC50 Inhalation - Rat - 4 h - 128.2 mg/l LC50 Inhalation - Rat - 6 h - 87.6 mg/l LD50 Dermal - Rabbit - 17,100 mg/kg	LC50 Inhalation - Rat - 1 h - 28,500 mg/m3 Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Lacrimation. Behavioral: Somnolence (general depressed activity). Lungs, Thorax, or Respiration: Dyspnea.	Inhalation: No data available
		LD50 Dermal - Rabbit - 1,121 mg/kg Remarks: Behavioral: Ataxia. Gastrointestinal: Changes in structure or function of salivary	Dermal: No data available

		glands. Liver: Other changes.	
	No data available	No data available	No data available
Skin corrosion/ irritation	Skin – Rabbit Result: No skin irritation	Skin – Rabbit Result: Mild skin irritation - 24 h (Draize Test)	No data available
Serious eye damage/ eye irritation	Eyes – Rabbit Result: No eye irritation	No data available	No data available
Respiratory or skin sensitization	Maximisation Test (GPMT) - Guinea pig Does not cause skin sensitisation. (OECD Test Guideline 406)	No data available	No data available
Germ cell mutagenicity	Ames test S. typhimurium Result: negative in vitro assay fibroblast Result: negative Mutation in mammalian somatic cells. Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis) Mouse - male and female Result: negative	No data available	No data available
Carcinogenicity **IARC:** **ACGIH:**	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. 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.	3 - Group 3: Not classifiable as to its carcinogenicity to humans (Pyridine)	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. 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: **OSHA:**	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. 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.	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. 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.	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. 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	Damage to fetus not classifiable Fertility classification not possible from current data.	No data available No data available	No data available No data available
Specific target organ toxicity - single exposure	Causes damage to organs.	No data available	Inhalation - May cause respiratory irritation.
Specific target organ toxicity - repeated exposure	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.	No data available	No data available
Aspiration hazard	No aspiration toxicity classification	No data available	No data available
Additional Information	RTECS: PC1400000 Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include: Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures. Symptoms may be delayed., Damage of the:, Liver, Kidney Stomach - Irregularities - Based on Human Evidence Stomach - Irregularities - Based on Human Evidence	RTECS: Not available Burning sensation, cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Dizziness, tachycardia, nervousness, insomnia, Skin disorders, loss of appetite. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	RTECS: BS5450000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

This product has not been studied as a mixture.

Methanol	Pyridine	Tetrabutylammonium iodide
12.1. Toxicity		
Toxicity to fish mortality LC50 - Lepomis macrochirus (Bluegill) - 15,400.0 mg/l - 96 h NOEC - Oryzias latipes - 7,900 mg/l - 200 h	Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 93.80 mg/l - 96 h LC50 - Cyprinus carpio (Carp) - 26.00 mg/l - 96 h	No data available
Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - > 10,000.00 mg/l - 48 h	Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 940.00 mg/l - 48 h EC50 - Daphnia magna (Water flea) - 1,140.00 mg/l - 48 h EC50 - Daphnia pulex (Water flea) - 520.00 mg/l - 48 h	
Toxicity to algae Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) - 22,000.0 mg/l - 96 h	Toxicity to algae EC50 - SELENASTRUM - 100.00 - 180.00 mg/l - 72 h	
12.2 Persistence and degradability		
Biodegradability aerobic - Exposure time 5 d Result: 72 % - rapidly biodegradable Biochemical Oxygen Demand (BOD) 600 - 1,120 mg/g Chemical Oxygen Demand (COD) 1,420 mg/g Theoretical oxygen demand 1,500 mg/g	Biodegradability aerobic - Exposure time 28 d Result: 97 % - Readily biodegradable	No data available
12.3 Bioaccumulative potential		
Bioaccumulation Cyprinus carpio (Carp) - 72 d at 20 °C - 5 mg/l Bioconcentration factor (BCF): 1.0	No data available	No data available
12.4 Mobility in soil		
Will not adsorb on soil.	No data available	No data available
12.5 Results of PBT and vPvB assessment		
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects		
Additional ecological information Avoid release to the environment. Stability in water at 19 °C83 - 91 % - 72 h Remarks: Hydrolyses on contact with water. Hydrolyses readily.	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.	No data available

13. Disposal Considerations

13.1 Waste treatment methods

Product

Dispose of by means in compliance with all State, Local and Federal regulations. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Absorb spill with sand, dilute small spill with water & flush into appropriate disposal system.

Store in tightly closed container, away from heat or flame. Storage area should be well ventilated. Store away from oxidizers, strong acids & perchlorates.

Contaminated packaging

Dispose of as unused product

14. Transport Information

DOT (US)

UN number: UN1993 Flammable Liquid N.O.S.
UN proper shipping name: Sulfur Anode Solution
Transport hazard class(es): 3
Subsidiary class(es): Not available.
Packing group: II
Special precautions for users: Read safety instructions, SDS and emergency procedures before handling.
Labels required: 3
Special provisions: IB2, T4, T7, TP2
Packaging exceptions: None
Packaging non bulk: 202
Packaging bulk: 242

IMDG

UN number: UN1993 Flammable Liquid N.O.S.
UN proper shipping name: Sulfur Anode Solution
Transport hazard class(es): 3
Subsidiary class(es): 6.1
Packaging group: II
Marine pollutant: Yes
Environmental hazards Labels required: Not available.
EmS: F-E, S-D
Special precautions for users: Not available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: No information available.
General information DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

IATA

UN number: UN1993 Flammable Liquid N.O.S.
UN proper shipping name: Sulfur Anode Solution
Transport hazard class(es) 3
Subsidiary class(es) 6.1
Packaging group II
Environmental hazards No
Labels required Not available.
ERG Code 3P, 3L
Special precautions for users: Not available.

DOT

IATA; IMDG

15. Regulatory Information

This product has not been studied as a mixture.

SARA 302 Components

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

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Methanol	67-56-1	2007-07-01
Pyridine	110-86-1	2007-07-01

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right to Know Components

	CAS-No.	Revision Date
Methanol	67-56-1	2007-07-01
Pyridine	110-86-1	2007-07-01

Pennsylvania Right to Know Components

	CAS-No.	Revision Date
Methanol	67-56-1	2007-07-01
Pyridine	110-86-1	2007-07-01
Tetrabutylammonium iodide	71-91-0	

New Jersey Right to Know Components

	CAS-No.	Revision Date
Methanol	67-56-1	2007-07-01
Pyridine	110-86-1	2007-07-01
Tetrabutylammonium iodide	71-91-0	

California Prop. 65 Components

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

	CAS-No.	Revision Date
Methanol	67-56-1	2012-03-16
Pyridine	110-86-1	2007-09-28

16. Other Information

Full text of H-Statements referred to under sections 2 and 3.

This product has not been studied as a mixture.

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
Skin Irrit.	Skin irritation
H225	Highly flammable liquid and vapor.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H302 + H312 + H332	Harmful if swallowed, in contact with skin or if inhaled
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H370	Causes damage to organs.

	Methanol	Pyridine	Tetrabutylammonium iodide
HMIS Rating			
Health hazard:	2	2	2
Chronic Health Hazard:	*		
Flammability:	3	3	0
Physical Hazard:	0	0	0
NFPA Rating			
Health hazard:	2	2	2
Fire Hazard:	3	3	0
Reactivity Hazard:	0	0	0

Label Hazard Warning:

WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. COMBUSTIBLE LIQUID AND VAPOR.

Product Use: Laboratory Reagent

Further information

UIC, Inc. has obtained the most current chemical information available to us in updating this Safety Data Sheet. However, users should always use caution when working with chemicals, as UIC, Inc. assumes no liability resulting from its use. Additionally, we make no warranty with respect to any information published on this sheet, either stated or implied.

Version: 1.1 Revision Date: 05/24/2024