

TEAM® Industrial Services
SAFETY DATA SHEET

1. Identification

Product identifier 1C LIQUID

Other means of identification

Product code 800-0003

Recommended use Industrial Leak Sealant.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Team Industrial Services, Inc.

Address 200 Hermann Drive, Alvin, Texas 77511

Telephone Not available.

E-mail Not available.

Emergency phone number CHEMTREC - 24 HOURS: 800-424-9300 (USA)
International: +1 703-527-3887 (Collect)

2. Hazard(s) identification

Physical hazards Flammable liquids Category 4

Health hazards

Acute toxicity, oral	Category 4
Acute toxicity, dermal	Category 4
Skin corrosion/irritation	Category 1B
Serious eye damage/eye irritation	Category 1
Sensitization, respiratory	Category 1
Sensitization, skin	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive toxicity	Category 1B
Specific target organ toxicity, single exposure	Category 1 (kidney, systemic toxicity, eye, liver, heart, hematopoietic system, central nervous system)
Specific target organ toxicity, single exposure	Category 3 narcotic effects
Specific target organ toxicity, repeated exposure	Category 1 (liver, respiratory system, eye, central nervous system, kidney, hematopoietic system, cardiovascular system)
Specific target organ toxicity, repeated exposure	Category 2 (respiratory system)

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Harmful if swallowed. Harmful in contact with skin. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Combustible liquid. Causes damage to organs (liver, respiratory system, eye, central nervous system, kidney, hematopoietic system, cardiovascular system) through prolonged or repeated exposure. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause cancer. May cause genetic defects. Causes damage to organs (kidney, systemic toxicity, eye, liver, heart, hematopoietic system, central nervous system). May cause damage to organs (respiratory system) through prolonged or repeated exposure.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

Response

In case of fire: Use appropriate media for extinction. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. 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/doctor.

Storage

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

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Cresol	1319-77-3	15-30
Methanol	67-56-1	5-10
Barium sulphate	7727-43-7	1-5
Phenol	108-95-2	1-5
Formaldehyde	50-00-0	<1

Composition comments

All concentrations are in percent by weight. Components not listed are either non-hazardous or are below reportable limits.

4. First-aid measures

Inhalation

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention immediately.

Skin contact

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion

Rinse mouth thoroughly with water and give large amounts of milk or water, if person is conscious. Only induce vomiting at the instruction of medical personnel. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Get medical attention immediately.

Most important symptoms/effects, acute and delayed

Causes skin and eye burns. Central nervous system depression. May cause allergic respiratory and skin reactions. Causes respiratory tract irritation. May cause damage to the blood, liver and kidneys. Can cause cardiovascular system damage. Can cause systemic toxicity.

5. Fire-fighting measures

Suitable extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this may spread the fire.

Specific hazards arising from the chemical

Combustible liquid and vapor. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back. During fire, gases hazardous to health may be formed. Containers may explode when heated.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Wear acid resistant suit and self-contained breathing apparatus (SCBA) where exposure to liquid, fumes, or spray are possible.

Fire fighting equipment/instructions

Ventilate closed spaces before entering them. Containers should be cooled with water to prevent vapor pressure build up. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Evacuate area and fight fire from a safe distance. Stop leak if you can do so without risk. Move containers from fire area if you can do it without risk.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate closed spaces before entering them. Avoid inhalation of vapors and contact with skin and eyes. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean contaminated surface thoroughly. Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Collect and dispose of spillage as indicated in Section 13 of the SDS.

7. Handling and storage**Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not eat, drink, smoke or apply cosmetics while handling this product. Avoid inhalation of vapors and contact with skin and eyes. The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. Vapors are heavier than air and may travel along the floor and in the bottom of containers. Ground container and transfer equipment to eliminate static electric sparks. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment (See Section 8).

Conditions for safe storage, including any incompatibilities

Follow rules for combustible liquids. Keep away from heat, spark, open flames and other sources of ignition. Keep away from sources of ignition - No smoking. Store in a cool, dry, well-ventilated place. Do not store above 72 °F (22 °C). Store in a closed container away from incompatible materials.

8. Exposure controls/personal protection**Occupational exposure limits****US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Components	Type	Value
Formaldehyde (CAS 50-00-0)	STEL	2 ppm
	TWA	0.75 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Barium sulphate (CAS 7727-43-7)	PEL	5 mg/m ³	Respirable fraction.
		15 mg/m ³	Total dust.
Cresol (CAS 1319-77-3)	PEL	22 mg/m ³	
Methanol (CAS 67-56-1)	PEL	5 ppm	
		260 mg/m ³	
Phenol (CAS 108-95-2)	PEL	200 ppm	
		19 mg/m ³	
		5 ppm	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Barium sulphate (CAS 7727-43-7)	TWA	5 mg/m ³	Inhalable fraction.
Cresol (CAS 1319-77-3)	TWA	20 mg/m ³	Inhalable fraction and vapor.
Formaldehyde (CAS 50-00-0)	Ceiling	0.3 ppm	
Methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Phenol (CAS 108-95-2)	TWA	5 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Barium sulphate (CAS 7727-43-7)	TWA	5 mg/m3	Respirable.
Formaldehyde (CAS 50-00-0)	Ceiling	10 mg/m3	Total
		0.1 ppm	
Methanol (CAS 67-56-1)	TWA	0.016 ppm	
	STEL	325 mg/m3	
		250 ppm	
Phenol (CAS 108-95-2)	TWA	260 mg/m3	
		200 ppm	
	Ceiling	60 mg/m3	
		15.6 ppm	
	TWA	19 mg/m3	
		5 ppm	

Biological limit values No biological exposure limits noted for the ingredient(s).

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
Phenol (CAS 108-95-2)	250 mg/g	Phenol with hydrolysis	Creatinine in urine	*

* - For sampling details, please see the source document.

Exposure guidelines**US - California OELs: Skin designation**

Cresol (CAS 1319-77-3)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)	Can be absorbed through the skin.
Phenol (CAS 108-95-2)	Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Cresol (CAS 1319-77-3)	Skin designation applies.
Methanol (CAS 67-56-1)	Skin designation applies.
Phenol (CAS 108-95-2)	Skin designation applies.

US - Tennessee OELs: Skin designation

Cresol (CAS 1319-77-3)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)	Can be absorbed through the skin.
Phenol (CAS 108-95-2)	Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Cresol (CAS 1319-77-3)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)	Can be absorbed through the skin.
Phenol (CAS 108-95-2)	Can be absorbed through the skin.

US. NIOSH: Pocket Guide to Chemical Hazards

Methanol (CAS 67-56-1)	Can be absorbed through the skin.
Phenol (CAS 108-95-2)	Can be absorbed through the skin.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Cresol (CAS 1319-77-3)	Can be absorbed through the skin.
Phenol (CAS 108-95-2)	Can be absorbed through the skin.

Appropriate engineering controls

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of exposure. An eye wash and safety shower must be available in the immediate work area. Use explosion-proof equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection	
Hand protection	Wear suitable gloves. Butyl rubber gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.
Other	Wear appropriate chemical resistant clothing to prevent any possibility of skin contact.
Respiratory protection	In case of inadequate ventilation use suitable respirator. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.

9. Physical and chemical properties

Appearance	Viscous dark liquid with sharp odor.
Physical state	Liquid.
Form	Viscous liquid.
Color	Red to black.
Odor	Methanol.
Odor threshold	0.003 - 5 ppm (m-Cresol)
pH	Not determined.
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	176 °F (80 °C) 760 mmHg
Flash point	190.0 - 200.0 °F (87.8 - 93.3 °C)
Evaporation rate	7 (Butyl acetate = 1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	6.7 %
Flammability limit - upper (%)	36 %
Vapor pressure	52 mm Hg (77°F/25°C)
Vapor density	1.1 (Air = 1)
Relative density	1.135 - 1.165 (68°F/20°C)
Solubility(ies)	
Solubility (water)	Soluble.
Partition coefficient (n-octanol/water)	Not determined.
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined.
Viscosity	Not determined.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization may occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible materials	Acyl halides. Aldehydes. Alkali metals. Amines. Combustible material. Halocarbons. Halogens. Strong oxidizers, strong acids, and strong bases. Strong reducing agents. Formaldehyde.
Hazardous decomposition products	Decomposition of this product can generate carbon oxides (COx), sulfur oxides (SOx), Barium oxide and other products such as cresol vapors and various organic fragments depending on conditions of oxidation.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause drowsiness or dizziness. When cured: Elevated temperatures or mechanical action may form dust and fumes which may be irritating to the respiratory tract.
Skin contact	Harmful in contact with skin. Causes skin burns. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Ingestion	Harmful if swallowed. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

Symptoms related to the physical, chemical and toxicological characteristics Causes skin and eye burns. May cause allergic respiratory and skin reactions. Central nervous system depression. May cause damage to the blood, liver and kidneys. Causes respiratory tract irritation. Can cause cardiovascular system damage. Can cause systemic toxicity.

Information on toxicological effects

Acute toxicity Harmful in contact with skin and if swallowed.

Components	Species	Test Results
Barium sulphate (CAS 7727-43-7)		
Acute		
<i>Oral</i>		
LD50	Rat	307 g/kg
Cresol (CAS 1319-77-3)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
<i>Oral</i>		
LD50	Rat	1454 mg/kg
Formaldehyde (CAS 50-00-0)		
Acute		
<i>Inhalation</i>		
LC50	Rat	0.82 mg/l, 0.5 Hours
<i>Oral</i>		
LD50	Rat	100 mg/kg
Methanol (CAS 67-56-1)		
Acute		
<i>Inhalation</i>		
LC50	Rat	22500 ppm, 8 hours
<i>Oral</i>		
LD50	Rat	6200 mg/kg
Phenol (CAS 108-95-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	630 mg/kg
<i>Oral</i>		
LD50	Rat	340 mg/kg

Skin corrosion/irritation Causes skin burns.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization

ACGIH sensitization

Formaldehyde (CAS 50-00-0) Sensitizer.

Respiratory sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity Suspected of causing genetic defects.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Formaldehyde (CAS 50-00-0) 1 Carcinogenic to humans.
Phenol (CAS 108-95-2) 3 Not classifiable as to carcinogenicity to humans.

NTP Report on Carcinogens

Formaldehyde (CAS 50-00-0) Known To Be Human Carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Formaldehyde (CAS 50-00-0) Cancer

Reproductive toxicity May damage fertility or the unborn child.

Specific target organ toxicity - single exposure Causes damage to organs (kidney, systemic toxicity, eye, liver, heart, hematopoietic system, central nervous system). May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure Causes damage to organs (liver, respiratory system, eye, central nervous system, kidney, hematopoietic system, cardiovascular system) through prolonged or repeated exposure. May cause damage to organs (respiratory system) through prolonged or repeated exposure by ingestion.

Aspiration hazard No data available.

Chronic effects Danger of serious damage to health by prolonged exposure. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
Barium sulphate (CAS 7727-43-7)		
Aquatic		
Crustacea	EC50 Tubificid worm (Tubifex tubifex)	28.61 - 38.03 mg/l, 48 hours
Cresol (CAS 1319-77-3)		
Aquatic		
Fish	LC50 Fathead minnow (Pimephales promelas)	12.8 mg/l, 96 hours
	Lepomis macrochirus	10 mg/l, 96 hours
Formaldehyde (CAS 50-00-0)		
Aquatic		
Crustacea	EC50 Water flea (Daphnia pulex)	4.3 - 7.8 mg/l, 48 hours
Fish	LC50 Striped bass (Morone saxatilis)	10.302 - 16.743 mg/l, 96 hours
Phenol (CAS 108-95-2)		
Aquatic		
Crustacea	EC50 Water flea (Daphnia obtusa)	4.7 - 6.4 mg/l, 48 hours
Fish	LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss)	7.5 - 14 mg/l, 96 hours

Persistence and degradability No data available.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Formaldehyde (CAS 50-00-0) 0.35
Methanol (CAS 67-56-1) -0.77
Phenol (CAS 108-95-2) 1.46

Mobility in soil Expected to be slightly to moderately mobile in soil.

Mobility in general The product is soluble in water. The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential.

13. Disposal considerations

Disposal instructions Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Dispose of this material and its container to hazardous or special waste collection point.

Hazardous waste code D026: Waste Cresol
Waste from residues / unused products Dispose of in accordance with local regulations.
Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Formaldehyde (CAS 50-00-0)	Cancer Skin sensitization Respiratory sensitization Eye irritation Skin irritation respiratory tract irritation Acute toxicity Flammability
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CERCLA Hazardous Substance List (40 CFR 302.4)

Barium sulphate (CAS 7727-43-7)	LISTED
Cresol (CAS 1319-77-3)	LISTED
Formaldehyde (CAS 50-00-0)	LISTED
Methanol (CAS 67-56-1)	LISTED
Phenol (CAS 108-95-2)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity (pounds)	Threshold planning quantity (pounds)	Threshold planning quantity, lower value (pounds)	Threshold planning quantity, upper value (pounds)
Phenol	108-95-2	1000		500	10000
Formaldehyde	50-00-0	100	500		

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Cresol	1319-77-3	15-30
Methanol	67-56-1	5-10
Phenol	108-95-2	1-5
Formaldehyde	50-00-0	<1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Cresol (CAS 1319-77-3)
Formaldehyde (CAS 50-00-0)
Methanol (CAS 67-56-1)
Phenol (CAS 108-95-2)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Formaldehyde (CAS 50-00-0)

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

WARNING: This product contains chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

Barium sulphate (CAS 7727-43-7)
Cresol (CAS 1319-77-3)
Formaldehyde (CAS 50-00-0)
Methanol (CAS 67-56-1)
Phenol (CAS 108-95-2)

US. New Jersey Worker and Community Right-to-Know Act

Barium sulphate (CAS 7727-43-7)
Cresol (CAS 1319-77-3)
Formaldehyde (CAS 50-00-0)
Methanol (CAS 67-56-1)
Phenol (CAS 108-95-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Barium sulphate (CAS 7727-43-7)
Cresol (CAS 1319-77-3)
Formaldehyde (CAS 50-00-0)
Methanol (CAS 67-56-1)
Phenol (CAS 108-95-2)

US. Rhode Island RTK

Cresol (CAS 1319-77-3)
Formaldehyde (CAS 50-00-0)
Methanol (CAS 67-56-1)
Phenol (CAS 108-95-2)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Formaldehyde (CAS 50-00-0)
Methanol (CAS 67-56-1)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 26-March-2015
Revision date -
Version # 01
Further information HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings Health: 4*
Flammability: 2
Physical hazard: 0

List of abbreviations

References

ACGIH
EPA: Acquire database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents
HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.