SAFETY DATA SHEET



1. Identification

Product identifier Volatile Organics High Concentration Mixture #6

Other means of identification

ItemM-VOHC6M5Recommended useNot available.Recommended restrictionsNone known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company nameChem Service, Inc.Address660 Tower Lane

West Chester, PA 19380

United States

Telephone Toll Free 800-452-9994

Direct 610-692-3026

Website www.chemservice.com
E-mail info@chemservice.com

Emergency phone number Chemtrec US 800-424-9300

Chemtrec outside US +1 703-527-3887

2. Hazard(s) identification

Physical hazards Flammable liquids Category 2 **Health hazards** Acute toxicity, oral Category 3 Acute toxicity, dermal Category 3 Acute toxicity, inhalation Category 3 Serious eye damage/eye irritation Category 2A Carcinogenicity Category 1A Reproductive toxicity Category 1 Specific target organ toxicity, single exposure Category 1 Specific target organ toxicity, repeated Category 1

exposure

Environmental hazards Hazardous to the aquatic environment, acute Category 1

hazard

Hazardous to the aquatic environment, Category 1

long-term hazard

Hazardous to the ozone layer Category 1

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Highly flammable liquid and vapor. Toxic if swallowed. Toxic in contact with skin. Causes serious

eye irritation. Toxic if inhaled. May cause cancer. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harms public health and the

environment by destroying ozone in the upper atmosphere.

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. 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. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Call a poison center/doctor. If eye irritation persists: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.

Storage

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

Disposal

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

Hazard(s) not otherwise classified (HNOC)

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

Supplemental information

98% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 98% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Methanol		67-56-1	90 - 100
Chloroethane		75-00-3	0.2
Dichlorodifluoromethane		75-71-8	0.2
Methyl bromide		74-83-9	0.2
Methyl chloride		74-87-3	0.2
Trichlorofluoromethane		75-69-4	0.2
Vinyl chloride		75-01-4	0.2
Other components below reportable	e levels		< 1

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim 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. Call a POISON CENTER or doctor/physician.

Skin contact

Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. Get medical attention if irritation develops and persists. 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 if irritation develops and persists.

Ingestion

Call a physician or poison control center immediately. Rinse mouth. If swallowed, induce vomiting immediately as directed by medical personnel. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Most important symptoms/effects, acute and delayed

Headache. Dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

Take off immediately all contaminated clothing. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media

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

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific methods

General fire hazards

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

Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. 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). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

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. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Specifically Regulated	•		
Components	Туре	Value	
Vinyl chloride (CAS 75-01-4)	STEL	5 ppm	
,	TWA	1 ppm	
US. OSHA Table Z-1 Limits for Air	Contaminants (29 CFR 1910.1	000)	
Components	Туре	Value	
Chloroethane (CAS 75-00-3)	PEL	2600 mg/m3	
,		1000 ppm	
Dichlorodifluoromethane (CAS 75-71-8)	PEL	4950 mg/m3	
,		1000 ppm	
Methanol (CAS 67-56-1)	PEL	260 mg/m3	
		200 ppm	
Methyl bromide (CAS 74-83-9)	Ceiling	80 mg/m3	
,		20 ppm	
Trichlorofluoromethane (CAS 75-69-4)	PEL	5600 mg/m3	
,		1000 ppm	
US. OSHA Table Z-2 (29 CFR 1910	.1000)	• •	
Components	Туре	Value	
Methyl chloride (CAS 74-87-3)	Ceiling	200 ppm	
	TWA	100 ppm	

SDS US

WA WA TEL WA WA TEL WA eiling WA TEL WA TEL TEL TEL TEL			Value 100 ppm 1000 ppm 250 ppm 200 ppm 1 ppm 100 ppm 50 ppm 1000 ppm 1 ppm Value 4950 mg/m3 1000 ppm
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WA TEL WA eiling WA ds ype WA	9		1 ppm 100 ppm 50 ppm 1000 ppm 1 ppm Value 4950 mg/m3
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WA			4950 mg/m3
			G
TEL			1000 ppm
TEL			
			325 mg/m3
			250 ppm
WA			260 mg/m3
			200 ppm
eiling	9		5600 mg/m3
			1000 ppm
	Determinant	Specimen	Sampling Time
	Methanol	Urine	*
docur	ment.		
	Can b	e absorbed th	rough the skin.
	docu	locument. Can b Can b Can b Can b Can b	Methanol Urine

Exp

Methanol (CAS 67-56-1) Skin designation applies. Methyl bromide (CAS 74-83-9) Skin designation applies.

US - Tennessee OELs: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin. Methyl bromide (CAS 74-83-9) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Chloroethane (CAS 75-00-3) Can be absorbed through the skin. Methanol (CAS 67-56-1) Can be absorbed through the skin. Methyl bromide (CAS 74-83-9) Can be absorbed through the skin. Methyl chloride (CAS 74-87-3) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

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

Methyl bromide (CAS 74-83-9) Can be absorbed through the skin.

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment

Chemical respirator with organic vapor cartridge and full facepiece. Eye/face protection

Skin protection

Wear appropriate chemical resistant gloves. Hand protection

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Chemical respirator with organic vapor cartridge and full facepiece. Respiratory protection

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Liquid. **Physical state Form** Liquid. Color Not available.

Not available. Odor **Odor threshold** Not available. Not available.

-144.04 °F (-97.8 °C) estimated Melting point/freezing point Initial boiling point and boiling

148.46 °F (64.7 °C) estimated

range Flash point

53.6 °F (12.0 °C) estimated

Evaporation rate Not available. Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

7.3 % estimated

Flammability limit - upper

(%)

36 % estimated

Not available. Explosive limit - lower (%) Explosive limit - upper (%) Not available.

Vapor pressure 169.3 hPa estimated

Not available. Vapor density Relative density Not available.

Solubility(ies)

Not available. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

867.2 °F (464 °C) estimated **Auto-ignition temperature**

Decomposition temperature Not available. **Viscosity** Not available.

Other information

0.79201 g/cm3 estimated Density

Not explosive. **Explosive properties**

Flammability class Flammable IB estimated

M-VOHC6M5 Version #: 03 Revision date: 08-26-2019 Issue date: 08-30-2014

Oxidizing properties Not oxidizing Percent volatile 98.2 % estimated Specific gravity 0.79 estimated VOC 98.6 % estimated

10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport. Reactivity

Chemical stability Material is stable under normal conditions. Possibility of hazardous Hazardous polymerization does not occur.

reactions

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the Conditions to avoid

flash point. Contact with incompatible materials.

Strong oxidizing agents. Incompatible materials

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Toxic if inhaled. May cause damage to organs by inhalation. May cause damage to organs Inhalation

through prolonged or repeated exposure by inhalation.

Toxic in contact with skin. Skin contact Causes serious eye irritation. Eye contact

Ingestion Toxic if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics Headache. Dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging,

tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. **Acute toxicity**

Components **Species Test Results**

Dichlorodifluoromethane (CAS 75-71-8)

Acute Oral

LD50 Rat > 1000 mg/kg

Methyl bromide (CAS 74-83-9)

Acute Dermal

LD50 Rat 135 mg/kg

Oral

Rat LD50 104 mg/kg

Methyl chloride (CAS 74-87-3)

Acute Inhalation

LC50 Rat 5133 ppm, 1 Hours

Oral

LD50 Rat 1800 mg/kg

Trichlorofluoromethane (CAS 75-69-4)

Acute

Oral

LD50 Rat 3725 mg/kg

Material name: Volatile Organics High Concentration Mixture #6 M-VOHC6M5 Version #: 03 Revision date: 08-26-2019 Issue date: 08-30-2014 Components Species Test Results

Vinyl chloride (CAS 75-01-4)

Acute Oral

LD50 Rat > 500 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye

Causes serious eye irritation.

irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

Chloroethane (CAS 75-00-3)

Methyl bromide (CAS 74-83-9)

Methyl chloride (CAS 74-87-3)

3 Not classifiable as to carcinogenicity to humans.

3 Not classifiable as to carcinogenicity to humans.

3 Not classifiable as to carcinogenicity to humans.

Vinyl chloride (CAS 75-01-4) 1 Carcinogenic to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Vinyl chloride (CAS 75-01-4) Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

Vinyl chloride (CAS 75-01-4)

Known To Be Human Carcinogen.

Reproductive toxicity May damage fertility or the unborn child.

Specific target organ toxicity -

single exposure

Causes damage to organs.

Specific target organ toxicity -

repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard Not an aspiration hazard.

Chronic effectsCauses damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects. Harms public health and the environment by

destroying ozone in the upper atmosphere.

Components		Species	Test Results
Methanol (CAS 67-56-	-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
Methyl bromide (CAS	74-83-9)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	2 mg/l, 48 hours
Fish	LC50	Guppy (Poecilia reticulata)	0.0008 mg/l, 96 hours
Methyl chloride (CAS	74-87-3)		
Aquatic			
Fish	LC50	Inland silverside (Menidia beryllina)	270 mg/l, 96 hours

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Chloroethane 1.43

^{*} Estimates for product may be based on additional component data not shown.

Partition coefficient n-octanol / water (log Kow)

Dichlorodifluoromethane 2.16 Methanol -0.77Methyl bromide 1.19 Methyl chloride 0.91 Trichlorofluoromethane 2.53

Mobility in soil No data available.

Other adverse effects Dangerous for the environment: May damage the ozone layer. The product contains volatile

organic compounds which have a photochemical ozone creation potential.

13. Disposal considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow **Disposal instructions**

this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches

with chemical or used container. Dispose of contents/container in accordance with

local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between the user, the producer and the waste Hazardous waste code

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

UN number UN1230

UN proper shipping name Methanol, solution (Methanol RQ = 5102 LBS), MARINE POLLUTANT

Transport hazard class(es)

Class 3 Subsidiary risk 3 Label(s) Ш Packing group **Environmental hazards**

Marine pollutant Yes

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions IB2, T7, TP2

Packaging exceptions 150 Packaging non bulk 202 Packaging bulk 242

IATA

UN number UN1230

UN proper shipping name Methanol solution (Methanol)

Transport hazard class(es)

Class 3

6.1(PGI, II) Subsidiary risk

Packing group Ш **Environmental hazards** Yes 31 **ERG Code**

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Allowed with restrictions. Cargo aircraft only

IMDG

UN number UN1230

UN proper shipping name Transport hazard class(es)

METHANOL SOLUTION (Methanol), MARINE POLLUTANT

Class

3

6.1(PGI, II) Subsidiary risk

Packing group

Environmental hazards

Marine pollutant Yes F-E, S-D **EmS**

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and

Not established.

Ш

the IBC Code

DOT



IATA; IMDG





Marine pollutant



General information

IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

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.

CERCLA Hazardous Substance List (40 CFR 302.4)

Chloroethane (CAS 75-00-3) Listed. Dichlorodifluoromethane (CAS 75-71-8) Listed. Methanol (CAS 67-56-1) Listed. Methyl bromide (CAS 74-83-9) Listed. Methyl chloride (CAS 74-87-3) Listed. Trichlorofluoromethane (CAS 75-69-4) Listed. Vinyl chloride (CAS 75-01-4) Listed.

SARA 304 Emergency release notification

Methyl bromide (CAS 74-83-9) 1000 LBS OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Vinyl chloride (CAS 75-01-4) Cancer

Central nervous system

Liver Blood Flammability

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)	

1000 1000 Methyl bromide 74-83-9 No

SARA 311/312 Hazardous

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
Methanol	67-56-1	90 - 100	_
Vinyl chloride	75-01-4	0.2	

Other federal regulations

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

Chloroethane (CAS 75-00-3) Methanol (CAS 67-56-1) Methyl bromide (CAS 74-83-9) Methyl chloride (CAS 74-87-3) Vinyl chloride (CAS 75-01-4)

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

Chloroethane (CAS 75-00-3) Methyl chloride (CAS 74-87-3) Vinyl chloride (CAS 75-01-4)

Safe Drinking Water Act

(SDWA) **US** state regulations Not regulated.

WARNING: This product contains a chemical known to the State of California to cause cancer and

birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Chloroethane (CAS 75-00-3) Listed: July 1, 1990 Vinyl chloride (CAS 75-01-4) Listed: February 27, 1987

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Methanol (CAS 67-56-1) Listed: March 16, 2012 Methyl bromide (CAS 74-83-9) Listed: January 1, 1993 Methyl chloride (CAS 74-87-3) Listed: March 10, 2000

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Methyl chloride (CAS 74-87-3) Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Chloroethane (CAS 75-00-3)

Dichlorodifluoromethane (CAS 75-71-8)

Methanol (CAS 67-56-1) Methyl chloride (CAS 74-87-3)

Trichlorofluoromethane (CAS 75-69-4)

Vinyl chloride (CAS 75-01-4)

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

Material name: Volatile Organics High Concentration Mixture #6

Country(s) or region	Inventory name	On inventory (yes/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	Yes

(PICCS)

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

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

 Issue date
 08-30-2014

 Revision date
 08-26-2019

Version # 03

NFPA ratings Health: 4

Flammability: 3 Instability: 0

Disclaimer

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