

SAFETY DATA SHEET

1. Identification

Product identifier	California WIP VOA Standards Mixture		
Other means of identification			
Item	M-USTWIPCA1M5		
Recommended use	For Laboratory Use Only		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/	Distributor information		
Manufacturer			
Company name	Chem Service, Inc.		
Address	660 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	Categ	

gory 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 Germ cell mutagenicity Category 1 Carcinogenicity Category 1A Reproductive toxicity (the unborn child) Category 2 Specific target organ toxicity, single exposure Category 1 Specific target organ toxicity, repeated Category 1 exposure **Environmental hazards** Category 1 Hazardous to the aquatic environment, acute hazard Hazardous to the aquatic environment, Category 1 long-term hazard **OSHA** defined hazards Not classified.

Danger

Label elements

Signal word Hazard statement

Highly flammable liquid and vapor. Toxic if swallowed. Toxic in contact with skin. Causes serious eye irritation. Toxic if inhaled. May cause genetic defects. May cause cancer. Suspected of damaging 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.

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. Use only outdoors or in a well-ventilated area. 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. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. 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. Specific treatment (see this label). Rinse mouth. 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	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. 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	0.8% of the mixture consists of component(s) of unknown acute dermal toxicity. 0.2% of the mixture consists of component(s) of unknown acute inhalation toxicity. 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	>97
1,2-Dichlorobenzene		95-50-1	0.2
1,3-Dichlorobenzene		541-73-1	0.2
1,4-Dichlorobenzene		106-46-7	0.2
Benzene		71-43-2	0.2
Chlorobenzene		108-90-7	0.2
Ethylbenzene		100-41-4	0.2
Methyl t-Butyl Ether		1634-04-4	0.2
m-Xylene		108-38-3	0.2
o-Xylene		95-47-6	0.2
p-Xylene		106-42-3	0.2
Toluene		108-88-3	0.2

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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. Call a POISON CENTER or doctor/physician if you feel unwell. Get medical attention if irritation develops and persists.
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. Do not induce vomiting without advice from poison control center. 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	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 General information	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. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. Take off immediately all contaminated clothing. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water fog. 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	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.
6. Accidental release meas	sures
Personal precautions, protective equipment and emergency procedures	Immediately evacuate personnel to safe areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. 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. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. 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.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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.

For personal protection, see section 8 of the SDS.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. 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: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautionsNever return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.Environmental precautionsAvoid release to the environment. Contact local authorities in case of spillage to drain/aquatic
environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid
discharge into drains, water courses or onto the ground. Use appropriate containment to avoid
environmental contamination.

7. Handling and storage

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Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. 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 skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Avoid contact with clothing. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.
	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. Avoid spark promoters. Eliminate sources of ignition. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers.

8. Exposure controls/personal protection

Occupational exposure limits US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Components Туре Value Benzene (CAS 71-43-2) STEL 5 ppm TWA 1 ppm US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components Value Туре 1,2-Dichlorobenzene (CAS Ceiling 300 mg/m3 95-50-1) 50 ppm PEL 450 mg/m3 1,4-Dichlorobenzene (CAS 106-46-7) 75 ppm Chlorobenzene (CAS PEL 350 mg/m3 108-90-7) 75 ppm Ethylbenzene (CAS PEL 435 mg/m3 100-41-4) 100 ppm Methanol (CAS 67-56-1) PEL 260 mg/m3 200 ppm m-Xylene (CAS 108-38-3) PEL 435 mg/m3 100 ppm o-Xylene (CAS 95-47-6) PEL 435 mg/m3 100 ppm p-Xylene (CAS 106-42-3) PEL 435 mg/m3 100 ppm US. OSHA Table Z-2 (29 CFR 1910.1000) Components Value Туре Benzene (CAS 71-43-2) Ceiling 25 ppm TWA 10 ppm Toluene (CAS 108-88-3) Ceiling 300 ppm TWA 200 ppm

US. ACGIH Threshold Limit Values

Components	Туре	Value	
1,2-Dichlorobenzene (CAS 95-50-1)	STEL	50 ppm	
	TWA	25 ppm	
1,4-Dichlorobenzene (CAS 106-46-7)	TWA	10 ppm	
Benzene (CAS 71-43-2)	STEL	2.5 ppm	
	TWA	0.5 ppm	
Chlorobenzene (CAS 108-90-7)	TWA	10 ppm	
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm	
Methanol (CAS 67-56-1)	STEL	250 ppm	
	TWA	200 ppm	
Methyl t-Butyl Ether (CAS 1634-04-4)	TWA	50 ppm	
m-Xylene (CAS 108-38-3)	STEL	150 ppm	
	TWA	100 ppm	
o-Xylene (CAS 95-47-6)	STEL	150 ppm	
· · · · · ·	TWA	100 ppm	
p-Xylene (CAS 106-42-3)	STEL	150 ppm	
,	TWA	100 ppm	
Toluene (CAS 108-88-3)	TWA	20 ppm	
US. NIOSH: Pocket Guide to Chen		- F. G	
Components	Туре	Value	
	-		
1,2-Dichlorobenzene (CAS 95-50-1)	Ceiling	300 mg/m3	
	0751	50 ppm	
Benzene (CAS 71-43-2)	STEL	1 ppm	
	TWA	0.1 ppm	
Ethylbenzene (CAS 100-41-4)	TWA STEL	545 mg/m3	
	STEL	545 mg/m3 125 ppm	
		545 mg/m3 125 ppm 435 mg/m3	
100-41-4)	STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm	
	STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3	
100-41-4)	STEL TWA STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm	
100-41-4)	STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3	
100-41-4) Methanol (CAS 67-56-1)	STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm	
100-41-4)	STEL TWA STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3	
100-41-4) Methanol (CAS 67-56-1)	STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm	
100-41-4) Methanol (CAS 67-56-1)	STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3	
100-41-4) Methanol (CAS 67-56-1)	STEL TWA STEL TWA STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm	
100-41-4) Methanol (CAS 67-56-1)	STEL TWA STEL TWA STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3)	STEL TWA STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3)	STEL TWA STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3)	STEL TWA STEL TWA STEL STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6)	STEL TWA STEL TWA STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3)	STEL TWA STEL TWA STEL STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6)	STEL TWA STEL TWA STEL TWA STEL TWA STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 655 mg/m3 150 ppm	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6)	STEL TWA STEL TWA STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6) p-Xylene (CAS 106-42-3)	STEL TWA STEL TWA STEL TWA STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6)	STEL TWA STEL TWA STEL TWA STEL TWA STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6) p-Xylene (CAS 106-42-3)	STEL TWA STEL TWA STEL TWA STEL TWA STEL TWA STEL	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 550 mg/m3 150 ppm 435 mg/m3 150 ppm	
100-41-4) Methanol (CAS 67-56-1) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6) p-Xylene (CAS 106-42-3)	STEL TWA STEL TWA STEL TWA STEL TWA STEL TWA	545 mg/m3 125 ppm 435 mg/m3 100 ppm 325 mg/m3 250 ppm 260 mg/m3 200 ppm 655 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 100 ppm 655 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm 435 mg/m3 150 ppm	

Biological limit values

Components	Value	Determinant	Specimen	Sampling Time
Benzene (CAS 71-43-2)	25 µg/g	S-Phenylmerca pturic acid	Creatinine in urine	*
Chlorobenzene (CAS 108-90-7)	100 mg/g	4-Chlorocatech ol, with hydrolysis	Creatinine in urine	*

ACGIH Biological Exposu Components	Value	Determinant	Specimen	Sampling Time
Ethylbenzene (CAS 100-41-4)	0.7 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
m-Xylene (CAS 108-38-3)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
o-Xylene (CAS 95-47-6)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
p-Xylene (CAS 106-42-3)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
* - For sampling details, ple	ase see the source	document.		
posure guidelines				
US - California OELs: Skir	n designation			
1,2-Dichlorobenzene ((Benzene (CAS 71-43-2 Methanol (CAS 67-56- Toluene (CAS 108-88-	?) 1) 3)	Can be Can be Can be	e absorbed throug absorbed throug absorbed throug absorbed throug absorbed throug	gh the skin. gh the skin.
US - Minnesota Haz Subs	-	• •		
Methanol (CAS 67-56- Toluene (CAS 108-88- US - Tennesse OELs: Skin	3)		esignation applies esignation applies	
		Conho	abaarbad throug	ah tha akin
Methanol (CAS 67-56- US ACGIH Threshold Lim	it Values: Skin des	ignation	e absorbed throug	-
Benzene (CAS 71-43-2 Methanol (CAS 67-56- US NIOSH Pocket Guide t	Í)	Can be	e absorbed throug e absorbed throug	
Methanol (CAS 67-56-	1)	Can be	e absorbed throug	gh the skin.
propriate engineering htrols	changes per ho applicable, use maintain airborr	ur) should be used. Ve process enclosures, lo ne levels below recomn	ntilation rates she cal exhaust venti nended exposure	Good general ventilation (typically 10 air buld be matched to conditions. If lation, or other engineering controls to e limits. If exposure limits have not been evel. Provide eyewash station.
lividual protection measure	s, such as persona	al protective equipme	nt	
Eye/face protection	Wear eye/face	protection. Wear safety	glasses with side	e shields (or goggles).
Skin protection Hand protection	Wear protective	gloves.		
Other	Wear appropria	te chemical resistant cl	othing	
Respiratory protection	If engineering c	Wear appropriate chemical resistant clothing. 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 establishe	d), an approved respire	ator must be wor	n.
Thermal hazards	Wear appropria	te thermal protective cl	othing, when nec	essary.
neral hygiene nsiderations	as washing afte		and before eatin	e good personal hygiene measures, suc g, drinking, and/or smoking. Routinely contaminants

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.

Melting point/freezing point	-144.04 °F (-97.8 °C) estimated		
Initial boiling point and boiling range	148.46 °F (64.7 °C) estimated		
Flash point	53.6 °F (12.0 °C) estimated		
Evaporation rate	Not available.		
Flammability (solid, gas)	Not available.		
Upper/lower flammability or exp	losive limits		
Flammability limit - lower (%)	7.3 % estimated		
Flammability limit - upper (%)	Not available.		
Explosive limit - lower (%)	Not available.		
Explosive limit - upper (%)	Not available.		
Vapor pressure	169.3 hPa estimated		
Vapor density	Not available.		
Relative density	Not available.		
Solubility(ies)			
Solubility (water)	Not available.		
Partition coefficient (n-octanol/water)	Not available.		
Auto-ignition temperature	867.2 °F (464 °C) estimated		
Decomposition temperature	Not available.		
Viscosity	Not available.		
Other information			
Density	0.791009 g/cm3 estimated		
Flammability class	Flammable IB estimated		
Percent volatile	99.6 % estimated		
Specific gravity	0.79 estimated		
VOC (Weight %)	99.6 % estimated		
10 Stability and reactivity			

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 does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Toxic if swallowed.
Inhalation	Toxic by inhalation. May cause damage to organs by inhalation.
Skin contact	Toxic in contact with skin.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on toxicological effects

Acute toxicity Toxic by inhalation. Toxic if swallowed. Toxic in contact with skin. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Components	Species	Test Results
1,2-Dichlorobenzene (CAS 9	95-50-1)	
Acute		
Inhalation		
LC100	Rat	9.5 mg/l, 4 Hours
LC50	Mouse	1236 ppm, 6 Hours
		6.825 mg/l, 6 Hours
	Rat	1532 ppm, 6 Hours
		8.15 mg/l, 4 Hours
Oral		
LD100	Guinea pig	2000 mg/kg
LD50	Guinea pig	0.0008 mg/kg
	Mouse	2000 mg/kg
	Rabbit	500 mg/kg
	Rat	500 mg/kg
Other		
LD50	Mouse	1228 mg/kg
	Rat	840 mg/kg
		1.66 ml/kg
1,3-Dichlorobenzene (CAS 5	541-73-1)	-
Acute	,	
Inhalation		
LC50	Rat	> 17.6 mg/l, 4 Hours
Oral		
LD50	Rat	580 mg/kg
Other		
LD50	Mouse	1023 mg/kg
	Rat	1000 mg/kg
1,4-Dichlorobenzene (CAS 1	06-46-7)	
Acute		
Dermal		
LD50	Rat	> 6000 mg/kg
Inhalation		
LC50	Rat	> 5.07 mg/l, 4 Hours
Oral		
LD50	Guinea pig	7593 mg/kg
	Mouse	2950 mg/kg
	Rabbit	2812 mg/kg
	Rat	500 mg/kg
		500 - 1000 mg/kg
Other		
LD50	Mouse	2 g/kg
	Rat	2562 mg/kg
Benzene (CAS 71-43-2)		
Acute		
Inhalation		
LC50	Mouse	9980 ppm
		9980 ppm, 7 Hours
	Rat	43767 mg/m3, 4 Hours
		13700 ppm, 4 Hours
		10000 ppm, 7 Hours
Oral		

Components	Species	Test Results	
	Rat	690 - 1230 mg/kg	
Other	M	0.40	
LD50	Mouse	340 mg/kg	
	Rat	2.89 mg/kg	
Chlorobenzene (CAS 108-90	-7)		
Acute Inhalation			
LC100	Mouse	0.05 mg/l	
LC50	Mouse	1886 ppm, 6 Hours	
2000	Rat	2965 ppm, 6 Hours	
		13.9 mg/l, 6 Hours	
Oral		10.5 mg/l, 0 110013	
LD50	Guinea pig	5060 mg/kg	
	Mouse	778 mg/kg	
	Rabbit	2250 mg/kg	
	Rat	1110 mg/kg	
	Nat	1.29 ml/kg	
Other		1.29 HII/KY	
LD50	Mouse	515 mg/kg	
LDOU	Rat	570 mg/kg	
Ethylbenzene (CAS 100-41-4		Si o ngikg	
Acute	*)		
Dermal			
LD50	Rabbit	17800 mg/kg	
		17.8 ml/kg	
Inhalation		-	
LC50	Mouse	> 8000 ppm, 20 Minutes	
		35.5 mg/l	
	Rat	4000 ppm	
		55 mg/l	
Oral		·	
LD50	Rat	3500 mg/kg	
		3.5 g/kg	
Other			
LD50	Mouse	2272 mg/kg	
Methanol (CAS 67-56-1)			
Acute			
Dermal			
LD50	Rabbit	15800 mg/kg	
Inhalation			
LC50	Mouse	79.43 mg/l, 134 Minutes	
	Rat	> 115.9 mg/l, 4 Hours	
		64000 ppm, 4 Hours	
		82.1 mg/l, 6 Hours	
Oral			
LD50	Monkey	6000 mg/kg	
	Mouse	7300 mg/kg	
	Pig	> 5000 mg/kg	
	Rabbit	14.4 g/kg	
	Rat	5628 mg/kg	
Other			
LD50	Guinea pig	3556 mg/kg	

Components	Species	Test Results
	Hamster	8555 mg/kg
	Mouse	4100 mg/kg
	Rabbit	1826 mg/kg
	Rat	2131 mg/kg
Methyl t-Butyl Ether (CAS 16		
Acute	5+ 6+ +)	
Dermal		
LD50	Rabbit	> 10000 mg/kg
	Rat	> 2000 mg/kg
	Ral	> 2000 Hig/kg
Inhalation	Det	
LC50	Rat	85 mg/l, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg
		4 ml/kg
Other		
LD50	Rabbit	> 10 ml/kg
n-Xylene (CAS 108-38-3)		
Acute		
Dermal		
LD50	Rabbit	12100 mg/kg
Inhalation	-	
LC50	Mouse	5267 ppm, 6 Hours
2000		
	Rat	6700 ppm, 4 Hours
		5984 ppm, 6 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	4300 mg/kg
o-Xylene (CAS 95-47-6)		
Acute		
Dermal		
LD50	Rabbit	> 5000 ml/kg
		> 43 g/kg
Inholotica		o grig
Inhalation LC50	Mouse	4595 ppm, 6 Hours
LCOU		
	Rat	6350 ppm, 4 Hours
		4330 ppm, 6 Hours
Oral		
LD50	Mouse	1590 mg/kg
	Rat	3523 mg/kg
		10 ml/kg
o-Xylene (CAS 106-42-3)		
Acute		
Dermal		
LD50	Rabbit	> 5000 ml/kg
2000	i dobit	
		> 43 g/kg
Inhalation		
LC50	Mouse	3900 ppm, 6 Hours
	Rat	5922 ppm, 4 Hours
		4591 ppm, 6 Hours
Oral		
<i>Oral</i> LD50	Mouse	1590 mg/kg

Components	Species	Test Results
Other		
LD50	Rat	3.8 mg/kg
Toluene (CAS 108-88-3)		
Acute		
Dermal LD50	Rabbit	> 5000 mg/kg
ED30	Rabbit	
labalatian		14.1 ml/kg
Inhalation LC50	Mouse	6405 - 7436 ppm, 6 Hours
2000	Wouse	5320 ppm, 8 Hours
	Det	400 ppm, 24 Hours
	Rat	26700 ppm, 1 Hours
		12200 ppm, 2 Hours
		8000 ppm, 4 Hours
		5879 - 6281 ppm, 6 Hours
		12.5 - 28.8 mg/l, 4 Hours
Oral		
LD50	Rat	2.6 g/kg
Other		
LD50	Mouse	59 mg/kg
	Rat	1332 mg/kg
* Estimates for product may be	e based on additional componer	nt data not shown
Skin corrosion/irritation	Prolonged skin contact may ca	
Serious eye damage/eye	Causes serious eye irritation.	
irritation		
Respiratory or skin sensitization	1	
Respiratory sensitization	Not available.	
Skin sensitization	This product is not expected to	o cause skin sensitization.
Germ cell mutagenicity	May cause genetic defects.	
Carcinogenicity	May cause cancer.	
IARC Monographs. Overall B	Evaluation of Carcinogenicity	
1,2-Dichlorobenzene (CA	,	3 Not classifiable as to carcinogenicity to humans.
1,3-Dichlorobenzene (CA 1,4-Dichlorobenzene (CA		3 Not classifiable as to carcinogenicity to humans. 2B Possibly carcinogenic to humans.
Benzene (CAS 71-43-2)	0 100 40 77	1 Carcinogenic to humans.
Ethylbenzene (CAS 100-4		2B Possibly carcinogenic to humans.
Methyl t-Butyl Ether (CAS m-Xylene (CAS 108-38-3		3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans.
o-Xylene (CAS 95-47-6))	3 Not classifiable as to carcinogenicity to humans.
p-Xylene (CAS 106-42-3)		3 Not classifiable as to carcinogenicity to humans.
Toluene (CAS 108-88-3)	gram (NTP) Report on Carcin	3 Not classifiable as to carcinogenicity to humans.
1,4-Dichlorobenzene (CA		Reasonably Anticipated to be a Human Carcinogen.
Benzene (CAS 71-43-2)	0 100 40 77	Known To Be Human Carcinogen.
US. OSHA Specifically Regu	lated Substances (29 CFR 19	10.1001-1050)
Benzene (CAS 71-43-2)		Cancer
Reproductive toxicity	Suspected of damaging the un	nborn child.
Specific target organ toxicity - single exposure	Causes damage to organs.	
Specific target organ toxicity - repeated exposure	Causes damage to organs thr	ough prolonged or repeated exposure.
		
Aspiration hazard	Not available.	

12. Ecological information

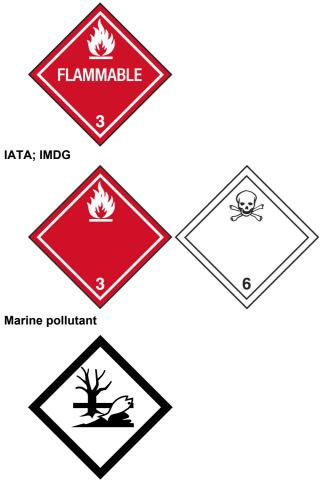
toxicity		to aquatic life with long lasting effects. Accumi	
Components	040.05.50.0	Species	Test Results
1,2-Dichlorobenzene (CAS 95-50-1)		
Aquatic		Water flee (Dentrie magne)	0.74 mg/ 49 hours
Crustacea	EC50	Water flea (Daphnia magna)	0.74 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	1.58 mg/l, 96 hours
1,3-Dichlorobenzene (CAS 541-73-1)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.2 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	3.9 - 6.2 mg/l, 96 hours
1,4-Dichlorobenzene (Aquatic	CAS 106-46-7)		
Crustacea	EC50	Water flea (Daphnia magna)	0.0007 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	1.12 mg/l, 96 hours
Benzene (CAS 71-43-	2)		
Aquatic	-,		
Crustacea	EC50	Water flea (Daphnia magna)	8.76 - 15.6 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	7.2 - 11.7 mg/l, 96 hours
Chlorobenzene (CAS	108-90-7)	(2	
Aquatic	100 00 1)		
Fish	LC50	Bluegill (Lepomis macrochirus)	4.1 - 4.9 mg/l, 96 hours
Ethylbenzene (CAS 10			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	
Methanol (CAS 67-56-			3 , 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 t-Butyl Ether (C Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	672 mg/l. 96 hours
m-Xylene (CAS 108-3			
Aquatic	,		
Crustacea	EC50	Water flea (Daphnia magna)	2.81 - 5 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8.4 mg/l, 96 hours
o-Xylene (CAS 95-47-	6)	· · · · · ·	
Aquatic	- /		
Crustacea	EC50	Water flea (Daphnia magna)	0.78 - 2.51 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	5.59 - 11.6 mg/l, 96 hours
p-Xylene (CAS 106-42	2-3)		
Aquatic Crustacea	EC50	Water flea (Daphnia magna)	3.55 - 6.31 mg/l, 48 hours
			-
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.6 mg/l, 96 hours
Toluene (CAS 108-88-	-3)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours

Components		Species	Test Results
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
* Estimates for product may b	be based on a	dditional component data not shown.	
ersistence and degradability	No data is a	available on the degradability of this p	roduct.
oaccumulative potential	No data ava	ailable.	
Partition coefficient n-octar	ol / water (lo	a Kow)	
1,2-Dichlorobenzene		3.43	
1,3-Dichlorobenzene		3.53	
1,4-Dichlorobenzene		3.44	
Benzene		2.13	
Chlorobenzene		2.89	
Ethylbenzene Methanol		3.15 -0.77	
Methyl t-Butyl Ether		0.94	
m-Xylene		3.2	
o-Xylene		3.12	
p-Xylene		3.15	
Toluene		2.73	
obility in soil	No data ava	ailable.	
ther adverse effects	No other ac potential, e	dverse environmental effects (e.g. ozo ndocrine disruption, global warming p	one depletion, photochemical ozone creation otential) are expected from this component.
3. Disposal consideratio	ns		
sposal instructions	Collect and	reclaim or dispose in sealed contained	ers at licensed waste disposal site. This material
	and its cont sewers/wat	tainer must be disposed of as hazardo er supplies. Do not contaminate pond Dispose of contents/container in accor	bus waste. Do not allow this material to drain into ls, waterways or ditches with chemical or used rdance with local/regional/national/international
ocal disposal regulations	Dispose in	accordance with all applicable regulat	tions.
azardous waste code	The waste disposal co		n between the user, the producer and the waste
US RCRA Hazardous Waste	e U List: Refe	rence	
1,2-Dichlorobenzene (CA	AS 95-50-1)	U070	
1,3-Dichlorobenzene (CA		U071	
1,4-Dichlorobenzene (CA	AS 106-46-7)	U072	
Benzene (CAS 71-43-2) Chlorobenzene (CAS 10	9 00 7)	U019 U037	
Methanol (CAS 67-56-1)		U154	
m-Xylene (CAS 108-38-3		U239	
o-Xylene (CAS 95-47-6)	,	U239	
p-Xylene (CAS 106-42-3		U239	
Toluene (CAS 108-88-3)		U220	
aste from residues / unused roducts		idues. This material and its container	Empty containers or liners may retain some must be disposed of in a safe manner (see:
ontaminated packaging	Empty cont	ainers should be taken to an approve	d waste handling site for recycling or disposal. idue, follow label warnings even after container
4. Transport information	l		
от			
UN number	UN1230		
UN proper shipping name	Methanol, s	solution, MARINE POLLUTANT	
Transport hazard class(es)			
Class	3		
Subsidiary risk	-		
Label(s)	3		
Packing group	II		
Environmental hazards			
Marine pollutant	Yes		
Special precautions for use		y instructions, SDS and emergency pr	rocedures before handling.
Special provisions	IB2, T7, TP	2	

Material name: California WIP VOA Standards Mixture 445 Version #: 01 Issue date: 10-22-2014

Packaging non bulk Packaging bulk	202 242
ΙΑΤΑ	
UN number	UN1230
UN proper shipping name	Methanol solution
Transport hazard class(es)	
Class	3
Subsidiary risk	6.1(PGI, II)
Packing group	II
Environmental hazards	No.
ERG Code	3L
	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed.
aircraft	
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1230
UN proper shipping name	METHANOL SOLUTION, MARINE POLLUTANT
Transport hazard class(es)	
Class	3
Subsidiary risk	6.1(PGI, II)
Packing group	II
Environmental hazards	
Marine pollutant	Yes
EmS	F-E, S-D
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not available.
Annex II of MARPOL 73/78 and	
the IBC Code	

DOT



15. Regulatory information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

1,2-Dichlorobenzene (CAS 95-50-1)	Listed.
1,3-Dichlorobenzene (CAS 541-73-1)	Listed.
Benzene (CAS 71-43-2)	Listed.
Chlorobenzene (CAS 108-90-7)	Listed.
Ethylbenzene (CAS 100-41-4)	Listed.
Methanol (CAS 67-56-1)	Listed.
Methyl t-Butyl Ether (CAS 1634-04-4)	Listed.
m-Xylene (CAS 108-38-3)	Listed.
o-Xylene (CAS 95-47-6)	Listed.
p-Xylene (CAS 106-42-3)	Listed.
Toluene (CAS 108-88-3)	Listed.

SARA 304 Emergency release notification

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Benzene (CAS 71-43-2)

Cancer Central nervous system Blood Aspiration Skin Eye respiratory tract irritation 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
SADA 202 Extremely here	,

SARA 302 Extremely hazardous substance

1,4-Dichlorobenzene (CAS 106-46-7)

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.	
Methanol	67-56-1	>97	
1,4-Dichlorobenzene	106-46-7	0.2	
Benzene	71-43-2	0.2	
Ethylbenzene	100-41-4	0.2	

Other federal regulations

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

Benzene (CAS 71-43-2) Chlorobenzene (CAS 108-90-7) Ethylbenzene (CAS 100-41-4) Methanol (CAS 67-56-1) Methyl t-Butyl Ether (CAS 1634-04-4) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6) p-Xylene (CAS 106-42-3) Toluene (CAS 108-88-3) Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act Not regulated.

(SDWA)

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Toluene (CAS 108-88-3)

6594

Drug Enforcement Administration (DEA). List 1 & 2	Exempt Chemical Mixtures (21 CFR 1310.12(c))	
Toluene (CAS 108-88-3) DEA Exempt Chemical Mixtures Code Number	35 %WV	
Toluene (CAS 108-88-3)	594	
US state regulations		
US. Massachusetts RTK - Substance List		
1,2-Dichlorobenzene (CAS 95-50-1) 1,3-Dichlorobenzene (CAS 541-73-1) 1,4-Dichlorobenzene (CAS 106-46-7) Benzene (CAS 71-43-2) Chlorobenzene (CAS 108-90-7) Ethylbenzene (CAS 100-41-4) Methanol (CAS 67-56-1) Methyl t-Butyl Ether (CAS 1634-04-4)		
m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6)		
p-Xylene (CAS 106-42-3)		
Toluene (CAS 108-88-3)		
US. New Jersey Worker and Community Right-to-Know	/ Act	
1,2-Dichlorobenzene (CAS 95-50-1) 1,3-Dichlorobenzene (CAS 541-73-1) 1,4-Dichlorobenzene (CAS 106-46-7) Benzene (CAS 71-43-2) Chlorobenzene (CAS 108-90-7) Ethylbenzene (CAS 100-41-4) Methanol (CAS 67-56-1) Methyl t-Butyl Ether (CAS 1634-04-4) m-Xylene (CAS 108-38-3)	500 LBS 500 LBS 500 LBS 500 LBS 500 LBS 500 LBS 500 LBS 500 LBS 500 LBS	
o-Xylene (CAS 95-47-6)	500 LBS	
p-Xylene (CAS 106-42-3)	500 LBS	
Toluene (CAS 108-88-3)	500 LBS	
US. Pennsylvania RTK - Hazardous Substances		
1,2-Dichlorobenzene (CAS 95-50-1) 1,3-Dichlorobenzene (CAS 541-73-1) 1,4-Dichlorobenzene (CAS 106-46-7) Benzene (CAS 71-43-2) Chlorobenzene (CAS 108-90-7) Ethylbenzene (CAS 100-41-4) Methanol (CAS 67-56-1) Methyl t-Butyl Ether (CAS 1634-04-4) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6) p-Xylene (CAS 106-42-3) Toluene (CAS 108-88-3)		
US. Rhode Island RTK		
1,2-Dichlorobenzene (CAS 95-50-1) 1,3-Dichlorobenzene (CAS 541-73-1) 1,4-Dichlorobenzene (CAS 106-46-7) Benzene (CAS 71-43-2) Chlorobenzene (CAS 108-90-7) Ethylbenzene (CAS 100-41-4) Methanol (CAS 67-56-1) Methyl t-Butyl Ether (CAS 1634-04-4) m-Xylene (CAS 108-38-3) o-Xylene (CAS 95-47-6) p-Xylene (CAS 106-42-3) Toluene (CAS 108-88-3)		
US. California Proposition 65 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/Ca	arcinogenic substance	
1,4-Dichlorobenzene (CAS 106-46-7) Benzene (CAS 71-43-2) Ethylbenzene (CAS 100-41-4) US - California Proposition 65 - CRT: Listed date/De	Listed: January 1, 1989 Listed: February 27, 1987 Listed: June 11, 2004 evelopmental toxin	
Benzene (CAS 71-43-2) Methanol (CAS 67-56-1)	Listed: December 26, 1997 Listed: March 16, 2012	

Toluene (CAS 108-8 US - California Proposit Toluene (CAS 108-8	ion 65 - CRT: Listed date/Female re	ed: January 1, 1991 p roductive toxin ed: August 7, 2009	
Υ.	ion 65 - CRT: Listed date/Male repr	5	
Benzene (CAS 71-43-2)		ed: December 26, 1997	
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 Chen	nical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)		Yes
New Zealand	New Zealand Inventory		Yes
Philippines	Philippine Inventory of Chemicals an (PICCS)	nd Chemical Substances	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSC	A) Inventory	Yes

*A "Yes" indicates that all components of this product comply 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

10-22-2014
01
Health: 2 Flammability: 3 Instability: 0
The above information is believed to be correct on the date it was last revised and must not be considered all inclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. OSHA regulations require that if other hazards become evident, an upgraded SDS must be made available to the employee within three months. RESPONSIBILITY for updates lies with the employer and not with CHEM SERVICE, Inc.
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