

SAFETY DATA SHEET

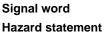
1. Identification

Product identifier Other means of identification	MSO Feedstock
SDS number	123-GHS
Synonyms	Mineral Seal Oil Feedstock, Drilling Mud Solvent See section 16 for complete information.
Recommended use	This product is intended for use in engineered processes, such as drilling mud solvent. Use in other applications may result in higher exposures and require additional controls, such as local exhaust ventilation and personal protective equipment.
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/	Distributor information
Manufacturer/Supplier	Valero Marketing & Supply Company and Affiliates One Valero Way San Antonio, TX 78269-6000
General Assistance	210-345-4593
E-Mail	CorpHSE@valero.com
Contact Person	Industrial Hygienist
Emergency Telephone	24 Hour Emergency 866-565-5220

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 3
Health hazards	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Carcinogenicity	Category 1B
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	
Label elements		

1-800-424-9300 (CHEMTREC USA)



Danger

Flammable liquid and vapor. Harmful if inhaled. Causes skin irritation. May cause cancer. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs (blood, liver, kidney) through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Precautionary statement Prevention

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. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area.

Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re-use. If exposed or concerned: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Take off contaminated clothing and wash before reuse.
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

CAS number	%
64742-46-7	
96-14-0	1 - 3
91-20-3	1 - 3
111-84-2	1 - 3
142-82-5	1 - 2
111-65-9	1 - 2
110-54-3	1 - 2
	64742-46-7 96-14-0 91-20-3 111-84-2 142-82-5 111-65-9

4. First-aid measures

Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if discomfort develops or persists.
Skin contact	Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes.
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.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.
Most important symptoms/effects, acute and delayed	Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Cyanosis (blue tissue condition, nails, lips, and/or skin). Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash.
Indication of immediate medical attention and special treatment needed	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	If exposed or concerned: get medical attention/advice. 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 re-use.
5. Fire-fighting measures	
Suitable extinguishing media	Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical	Vapor may cause flash fire. Vapors can flow along surfaces to distant ignition source and flash back. Sensitive to static discharge.
Special protective equipment	Wear full protective clothing, including helmet, self-contained positive pressure or pressure

Special protective equipment and precautions for firefighters Wear full protective clothing, including helmet, self-contained pos demand breathing apparatus, protective clothing and face mask. e pressure or pressure

MSO Feedstock

Fire-fighting equipment/instructions	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Vapors may form explosive air mixtures even at room temperature. Prevent buildup of vapors or gases to explosive concentrations. Some of these materials, if spilled, may evaporate leaving a flammable residue. Water runoff can cause environmental damage. Use compatible foam to minimize vapor generation as needed.
Specific methods	Use water spray to cool unopened containers.
6. Accidental release meas	sures
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Local authorities should be advised if significant spills cannot be contained. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Extinguish all flames in the vicinity. Keep combustibles (wood, paper, oil, etc.) away from spilled material.
	Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Cover with plastic sheet to prevent spreading. Collect spillage. Following product recovery, flush area with water. Prevent product from entering drains. Do not allow material to contaminate ground water system. Clean surface thoroughly to remove residual contamination. Wipe up with absorbent material (e.g. cloth, fleece).
	Large Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. This material and its container must be disposed of as hazardous waste.
Environmental precautions	If facility or operation has an "oil or hazardous substance contingency plan", activate its procedures. Stay upwind and away from spill. Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not enter or stay in area unless monitoring indicates that it is safe to do so. Isolate hazard area and restrict entry to emergency crew. Flammable. Review Firefighting Measures, Section 5, before proceeding with clean up. Keep all sources of ignition (flames, smoking, flares, etc.) and hot surfaces away from release. Contain spill in smallest possible area. Recover as much product as possible (e.g. by vacuuming). Stop leak if it can be done without risk. Use water spray to disperse vapors. Use compatible foam to minimize vapor generation as needed. Spilled material may be absorbed by an appropriate absorbent, and then handled in accordance with environmental regulations. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment or drainage systems and natural waterways. Contact fire authorities and appropriate federal, state and local agencies. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, contact the National Response Center at 1-800-424-8802. For highway or railways spills, contact Chemtrec at 1-800-424-9300.
7. Handling and storage	
Precautions for safe handling	Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Wear personal protective equipment. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid prolonged exposure. Use only with adequate ventilation. Wash thoroughly after handling. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. When using, do not eat, drink or smoke.
Conditions for safe storage, including any incompatibilities	Flammable liquid storage. Do not handle or store near an open flame or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. The pressure in sealed containers can increase under the influence of heat. Keep away from food, drink and animal feedingstuffs. Keep out of the reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Туре	Value	Form
Distillates (petroleum), hydrotreated middle (CAS 64742-46-7)	PEL	5 mg/m3	Mist.
Heptane (CAS 142-82-5)	PEL	2000 mg/m3	
		500 ppm	
Naphthalene (CAS 91-20-3)	PEL	50 mg/m3	
		10 ppm	
n-Hexane (CAS 110-54-3)	PEL	1800 mg/m3	
		500 ppm	
Octane (all isomers) (CAS 111-65-9)	PEL	2350 mg/m3	
		500 ppm	

US. ACGIH Threshold Limit Values

Components	Туре	Value	Form
Distillates (petroleum), hydrotreated middle (CAS 64742-46-7)	TWA	5 mg/m3	Inhalable fraction.
Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
Hexane (other isomers) (CAS 96-14-0)	STEL	1000 ppm	
	TWA	500 ppm	
Naphthalene (CAS 91-20-3)	STEL	15 ppm	
	TWA	10 ppm	
n-Hexane (CAS 110-54-3)	TWA	50 ppm	
Nonane (CAS 111-84-2)	TWA	200 ppm	
Octane (all isomers) (CAS 111-65-9)	TWA	300 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре	Value	Form
Distillates (petroleum), hydrotreated middle (CAS 64742-46-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Heptane (CAS 142-82-5)	Ceiling	1800 mg/m3	
	TWA	440 ppm 350 mg/m3	
		85 ppm	
Hexane (other isomers) (CAS 96-14-0)	Ceiling	1800 mg/m3	
		510 ppm	
	TWA	350 mg/m3	
		100 ppm	
Naphthalene (CAS 91-20-3)	STEL	75 mg/m3	
		15 ppm	
	TWA	50 mg/m3	
		10 ppm	
n-Hexane (CAS 110-54-3)	TWA	180 mg/m3	
		50 ppm	
Nonane (CAS 111-84-2)	TWA	1050 mg/m3	
		200 ppm	
Octane (all isomers) (CAS 111-65-9)	Ceiling	1800 mg/m3	
		385 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Ту	pe	v	alue	Form
	T۷	VA		50 mg/m3	
				5 ppm	
ological limit values					
ACGIH Biological Exposu	re Indices				
Components	Value	Determinant	Specimen	Sampling Ti	me
n-Hexane (CAS 110-54-3)	0.4 mg/l 0.4 mg/l	2,5-Hexanedio n, without hydrolysis 2,5-Hexanedi -	Urine	*	
		on, without hydrolysis			
* - For sampling details, ple	ase see the source d				
kposure guidelines					
US - California OELs: Skir	n designation				
Benzene (CAS 71-43-2	2)	Can be	absorbed thro	ugh the skin.	
n-Hexane (CAS 110-54			absorbed thro		
Toluene (CAS 108-88-3 US - Minnesota Haz Subs			e absorbed thro	ugh the skin.	
Toluene (CAS 108-88-3	U	• •	esignation appli	es	
US ACGIH Threshold Limi			soignation appi		
Benzene (CAS 71-43-2 Naphthalene (CAS 91-	e (CAS 71-43-2) Can be absorbed through th alene (CAS 91-20-3) Can be absorbed through th		ugh the skin.		
n-Hexane (CAS 110-54					
ppropriate engineering ontrols	Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposu limits. Use explosion-proof equipment.				
dividual protection measure	s, such as personal	protective equipme	nt		
Eye/face protection	Wear safety glas	ses. If splash potentia	l exists, wear fu	ull face shield o	r chemical goggles.
Skin protection					
Hand protection	-	Avoid exposure - obtain special instructions before use. Wear protective gloves. Protective glove			
Other		Wear chemical-resistant, impervious gloves. Full body suit and boots are recommended when handling large volumes or in emergency situations. Flame retardant protective clothing is recommended.			
Respiratory protection	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selecter respirator. If workplace exposure limits for product or components are exceeded, NIOSH approvequipment should be worn. Proper respirator selection should be determined by adequately trained personnel, based on the contaminants, the degree of potential exposure and published respiratory protection factors. This equipment should be available for nonroutine and emergency use.				
Thermal hazards	Wear appropriate	e thermal protective cl	othing, when ne	ecessary.	
eneral hygiene onsiderations	skin. Keep away the product. Prov	Consult supervisor for special handling instructions. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.			
. Physical and chemica	l properties				
nnearance	Clear straw-colo	red liquid			

luid.

MSO Feedstock

Melting point/freezing point	-134.68 °F (-92.6 °C) Weighted average
Initial boiling point and boiling	162.78 - 371.11
range	
Flash point	125.0 - 190.0 °F (51.7 - 87.8 °C) Closed Cup
Evaporation rate	0
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	0.4 %
Flammability limit - upper (%)	8 %
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	< 0.7 kPa (20°C)
Vapor density	3
Relative density	0.84 - 0.93 (60°F)
Solubility(ies)	
Solubility (water)	Very slightly soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	257.2
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Percent volatile	Negligible.
10. Stability and reactivity	
Reactivity	Not available.
Chemical stability	Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks. Ignition sources. Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
Incompatible materials	Strong oxidizing agents. Reducing agents. Acids. Alkalis.
Hazardous decomposition products	No hazardous decomposition products are known.
11 Toxicological informat	ion

11. Toxicological information

Information on likely routes of exposure

Ingestion	May be fatal if swallowed and enters airways.	
Inhalation	Harmful if inhaled. In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.	
Skin contact	Causes skin irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.	
Eye contact	May cause eye irritation.	
Symptoms related to the physical, chemical and toxicological characteristics	Irritation of nose and throat. Irritation of eyes and mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Cyanosis (blue tissue condition, nails, lips, and/or skin). Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of the skin. Rash.	
Information on toxicological effects		

Harmful if inhaled. Harmful: may cause lung damage if swallowed.

Components	Species	Test Results		
Heptane (CAS 142-82-5)				
Acute				
Inhalation				
LC50	Rat	103 mg/l, 4 Hours		
Naphthalene (CAS 91-20-3)				
Acute				
Dermal				
LD50	Rabbit	> 2 g/kg		
Oral				
LD50	Rat	490 mg/kg		
n-Hexane (CAS 110-54-3)				
Acute				
Oral				
LD50	Rat	28710 mg/kg		
Nonane (CAS 111-84-2)				
Acute				
Inhalation				
LC50	Rat	3200 mg/l, 4 Hours		
Octane (all isomers) (CAS 111-65-	-9)			
Acute				
Inhalation				
LC50	Rat	118 mg/l, 4 Hours		
Skin corrosion/irritation	Causes skin irritation.			
Serious eye damage/eye		classification criteria are not met.		
irritation				
Respiratory or skin sensitization	ı			
Respiratory sensitization	Based on available data, the	classification criteria are not met.		
Skin sensitization	Based on available data, the	classification criteria are not met.		
Germ cell mutagenicity	Based on available data, the	classification criteria are not met.		
Carcinogenicity	May cause cancer.			
IARC Monographs. Overall I	Evaluation of Carcinogenicity			
Benzene (CAS 71-43-2)		1 Carcinogenic to humans.		
Ethylbenzene (CAS 100-4		2B Possibly carcinogenic to humans.		
Naphthalene (CAS 91-20	-3)	2B Possibly carcinogenic to humans.		
Toluene (CAS 108-88-3) NTP Report on Carcinogens		3 Not classifiable as to carcinogenicity to humans.		
Benzene (CAS 71-43-2)	-	Known To Be Human Carcinogen.		
Distillates (petroleum), hy	drotreated middle (CAS	Known To Be Human Carcinogen.		
64742-46-7)				
Naphthalene (CAS 91-20	-3) Ilated Substances (29 CFR 19	Reasonably Anticipated to be a Human Carcinogen.		
Benzene (CAS 71-43-2)	aatou oubstantes (23 OFN 13	Cancer		
Reproductive toxicity	Suspected of demoging fortili	y or the unborn child. May damage fertility or the unborn child. Can		
	cause adverse reproductive e	ffects - such as birth defects, miscarriages, or infertility. Avoid rly pregnancy. Avoid contact during pregnancy/while nursing.		
Specific target organ toxicity - single exposure	May cause drowsiness or diza			
Specific target organ toxicity - repeated exposure	May cause damage to the foll Kidney.	owing organs through prolonged or repeated exposure: Blood. Liver.		
Aspiration hazard	May be fatal if swallowed and	enters airways.		
Chronic effects	Danger of serious damage to	health by prolonged exposure. Prolonged or repeated overexposure stem, kidney, liver, and lung damage.		
Further information	Symptoms may be delayed.			

MSO Feedstock

12. Ecological information

12. Ecological information			
Ecotoxicity	Toxic to aquat	ic life with long lasting effects.	
Components		Species	Test Results
Heptane (CAS 142-82-5)			
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	4924 mg/l, 96 hours
Naphthalene (CAS 91-20-3)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.09 - 3.4 mg/l, 48 hours
Fish	LC50	Pink salmon (Oncorhynchus gorbuscha)	0.95 - 1.62 mg/l, 96 hours
n-Hexane (CAS 110-54-3)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.101 - 2.981 mg/l, 96 hours
Persistence and degradability	None known.		
Bioaccumulative potential	Not available.		
Partition coefficient n-octan Heptane (CAS 142-82-5) Hexane (other isomers) (CAS Nonane (CAS 111-84-2) Octane (all isomers) (CAS 11 n-Hexane (CAS 110-54-3)	96-14-0)	4.66 3.6 5.46 5.18 3.9	
Mobility in soil	Not available.		
Other adverse effects	Not available.		
13. Disposal consideration	ns		
Disposal instructions	Dispose in accordance with all applicable regulations. This material and its container must be disposed of as hazardous waste. Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.		
Hazardous waste code	D001: Waste Flammable material with a flash point <140 °F		
US RCRA Hazardous Waste	U List: Referer	nce	
Benzene (CAS 71-43-2) Naphthalene (CAS 91-20 Toluene (CAS 108-88-3)	-3)	U019 U165 U220	
Waste from residues / unused		accordance with local regulations.	

Offer rinsed packaging material to local recycling facilities.

14. Transport information

Contaminated packaging

DOT

20	•	
	UN number	UN1268
	UN proper shipping name	Petroleum distillates, n.o.s.
	Transport hazard class(es)	
	Class	3
	Subsidiary risk	-
	Packing group	III
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
	Special provisions	144, B1, IB3, T4, TP1, TP29
	Packaging exceptions	150
	Packaging non bulk	203
	Packaging bulk	242
IAT	A	
	UN number	UN1268
	UN proper shipping name	Petroleum products, n.o.s.

Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	
Environmental hazards	Yes
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
IMDG	
UN number	UN1268
UN proper shipping name	PETROLEUM DISTILLATES, N.O.S
Transport hazard class(es)	
Class	3
Subsidiary risk	
Label(s)	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
EmS	F-E, S-E
	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not applicable. However, this product is a liquid and if transported in bulk covered under
Annex II of MARPOL 73/78 and	MARPOL 73/78, Annex I.
the IBC Code	
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 N	otification (40 CFR 707, Subpt. D)
Nonane (CAS 111-84-2)	1.0 % One-Time Export Notification only.
US. OSHA Specifically Regul	ated Substances (29 CFR 1910.1001-1050)
Benzene (CAS 71-43-2)	Cancer
· · · · · · · · · · · · · · · · · · ·	Central nervous system
	Blood
	Aspiration
	Skin
	Eye
	Respiratory tract irritation

Flammability

CERCLA Hazardous Substance List (40 CFR 302.4)

Benzene (CAS 71-43-2)	LISTED
Ethylbenzene (CAS 100-41-4)	LISTED
Heptane (CAS 142-82-5)	LISTED
Hexane (other isomers) (CAS 96-14-0)	LISTED
Naphthalene (CAS 91-20-3)	LISTED
n-Hexane (CAS 110-54-3)	LISTED
Nonane (CAS 111-84-2)	LISTED
Octane (all isomers) (CAS 111-65-9)	LISTED
Toluene (CAS 108-88-3)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No
-	Delayed Hazard - No
	Fire Hazard - No
	Pressure Hazard - No
	Reactivity Hazard - No
CADA 202 Extremely her	andaua aukatanaa

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Yes chemical

Chemical name		CAS number	% by wt.
Naphthalene		91-20-3	1 - 3
n-Hexane		110-54-3	1 - 2
ther federal regulations			
	ection 112 Hazardous Air Po	ollutants (HAPs) List	
Benzene (CAS 71-4			
Ethylbenzene (CAS Naphthalene (CAS			
n-Hexane (CAS 110			
Toluene (CAS 108-			
	ection 112(r) Accidental Rel	ease Prevention (40 CFR	68.130)
Not regulated.			
Safe Drinking Water A (SDWA)	ct Not regulated.		
Drug Enforcement Chemical Code Nu		2, Essential Chemicals (2	21 CFR 1310.02(b) and 1310.04(f)(2) and
Toluene (CAS		6594	
-		-	Mixtures (21 CFR 1310.12(c))
Toluene (CAS		35 % weight/volu	Jmn
-	nical Mixtures Code Numbe		
Toluene (CAS	,	594 In the sector of the sector	
S state regulations	birth defects or other		own to the State of California to cause cancer a
US, Massachusett	s RTK - Substance List		
Benzene (CAS			
	oleum), hvarotreated middle (CAS 64/42-46-7)	
Ethylbenzene (oleum), hydrotreated middle (CAS 100-41-4)	(CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS	CAS 100-41-4) 142-82-5)	(CAS 64/42-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0)	(CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3)	(CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3)	(CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Nonane (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3) I11-84-2)	(CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3) I11-84-2) ners) (CAS 111-65-9)	(CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3) I11-84-2) ners) (CAS 111-65-9)		
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3) I11-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ		
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3) I11-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ	t-to-Know Act	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4)	t-to-Know Act	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5)	t-to-Know Act	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3)	t-to-Know Act	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3)	t-to-Know Act	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2)	t-to-Know Act	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS Nonane (CAS Octane (all isor	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9)	t-to-Know Act	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9)	t-to-Know Act (CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) S 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig	t-to-Know Act (CAS 64742-46-7)	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) S 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) S 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS Distillates (petr	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Hexane (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Hexane (other Naphthalene (CAS Nonane (CAS Cotane (all isor	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (CAS Nonane (CAS Octane (all isor Toluene (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (CAS Hexane (other Naphthalene (CAS Nonane (CAS Cotane (all isor Toluene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Hexane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) RTK	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Hexane (other Naphthalene (C S) Nonane (CAS Nonane (CAS C) Cotane (all isor Toluene (CAS Nonane (CAS Nonane (CAS C) US. Rhode Island I Benzene (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) RTK 71-43-2)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	
Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Octane (all isor Toluene (CAS US. New Jersey W Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Naphthalene (C n-Hexane (CAS Nonane (CAS US. Pennsylvania Benzene (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Distillates (petr Ethylbenzene (Heptane (CAS Hexane (other Naphthalene (C n-Hexane (CAS Hexane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS Nonane (CAS	CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) orker and Community Righ 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) Worker and Community Rig 71-43-2) oleum), hydrotreated middle (CAS 100-41-4) 142-82-5) isomers) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 96-14-0) CAS 91-20-3) 5 110-54-3) 111-84-2) ners) (CAS 111-65-9) 108-88-3) RTK 71-43-2) CAS 100-41-4)	t-to-Know Act (CAS 64742-46-7) ght-to-Know Law	

US. California Proposition 65

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

Benzene (CAS 71-43-2) Ethylbenzene (CAS 100-41-4) Naphthalene (CAS 91-20-3) Toluene (CAS 108-88-3)

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)	No
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	27-June-2013
Revision date	23-May-2014
Version #	02
NFPA Ratings	2 0
References	ACGIH EPA: AQUIRE 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	This material Safety Data Sheet (SDS) was prepared in accordance with 29 CFR 1910.1200 by Valero Marketing & Supply Co., ("VALERO"). VALERO does not assume any liability arising out of product use by others. The information, recommendations, and suggestions presented in this SDS are based upon test results and data believed to be reliable. The end user of the product has the responsibility for evaluating the adequacy of the data under the conditions of use, determining the safety, toxicity and suitability of the product under these conditions, and obtaining additional or clarifying information where uncertainty exists. No guarantee expressed or implied is made as to the effects of such use , the results to be obtained, or the safety and toxicity of the product in any specific application. Furthermore, the information herein is not represented as absolutely complete, since it is not practicable to provide all the scientific and study information in the format of this document, plus additional information may be necessary under exceptional conditions of use, or because of applicable laws or government regulations.
MSO Feedstock	