SAFETY DATA SHEET



1. Identification

Product identifier	Defender Pro TBL Activator	
Other means of identification		
Product Code	1820-8	
Recommended use	Automotive Refinish Truck Bed	Liner Part B Activator
Manufacturer/Importer/Supplier/ Manufacturer	Distributor information	
Company name	Quest Automotive Products	
Address	600 Nova Drive SE Massillon, OH 44646 United States	
Telephone E-mail	General Assistance rpandrus@quest-ap.com	(330) 830-6000
Contact person	Ron Andrus	(000) 404 0000
Emergency phone number	CHEMTREC	(800) 424-9300
\mathbf{O} = \mathbf{O}		

2. Hazard(s) identification

Physical hazards	Flammable liquids Category 2	
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Carcinogenicity	Category 2
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	

Label elements



Signal word Hazard statement Danger

Highly flammable liquid and vapor. Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Harmful if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful 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. 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. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.
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	31.61% of the mixture consists of component(s) of unknown acute oral toxicity. 86.46% of the mixture consists of component(s) of unknown acute dermal toxicity. 87.81% of the mixture consists of component(s) of unknown acute inhalation toxicity. 87.81% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 86.46% 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	%
Methyl acetate		79-20-9	40 to <50
Xylene		1330-20-7	5 to <10
Ethyl benzene		100-41-4	1 to <5
silica, amorphous fumed		112945-52-5	1 to <5
Triethylenetetramine		112-24-3	1 to <5
Tris(dimethylaminomethyl)pheno		90-72-2	1 to <5
Other components below reportable lev	els		30 to <40

*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. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. 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. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Burning pain and severe corrosive skin damage. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. 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. Chemical 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 all contaminated clothing immediately. 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. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not use water jet as an extinguisher, as this will spread the fire. Unsuitable extinguishing media Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source Specific hazards arising from of ignition and flash back. This product is a poor conductor of electricity and can become the chemical 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 Self-contained breathing apparatus and full protective clothing must be worn in case of fire. and precautions for firefighters **Fire fighting** In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. equipment/instructions 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 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). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.	
	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. Prevent product from entering drains. 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.	
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. 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 get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. 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

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

Components	Туре	Value
Ethyl benzene (CAS 100-41-4)	PEL	435 mg/m3
		100 ppm
Methyl acetate (CAS 79-20-9)	PEL	610 mg/m3
,		200 ppm
Xylene (CAS 1330-20-7)	PEL	435 mg/m3
		100 ppm
US. OSHA Table Z-3 (29 CFR 1910	0.1000)	
Components	Туре	Value
silica, amorphous fumed (CAS 112945-52-5)	TWA	0.8 mg/m3
· · · · · ·		20 mppcf
US. ACGIH Threshold Limit Value	S	
Components	Туре	Value
Ethyl benzene (CAS 100-41-4)	TWA	20 ppm
Methyl acetate (CAS 79-20-9)	STEL	250 ppm
·	TWA	200 ppm
Xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm
US. NIOSH: Pocket Guide to Cher	nical Hazards	
Components	Туре	Value
Ethyl benzene (CAS 100-41-4)	STEL	545 mg/m3
•		125 ppm

US. NIOSH: Pocket Guide	e to Chemical Hazards			
Components	Туре		Va	lue
	TWA		43	5 mg/m3
			10	0 ppm
Methyl acetate (CAS 79-20-9)	STEL		76	0 mg/m3
·			25	0 ppm
	TWA		61	0 mg/m3
				0 ppm
silica, amorphous fumed (CAS 112945-52-5)	TWA		6 r	ng/m3
US. Workplace Environm Components	ental Exposure Level (V Type	VEEL) Guides	Va	lue
Triethylenetetramine (CAS			6	ng/m3
112-24-3)	TWA			opm
			۲ P	5P11
Biological limit values				
ACGIH Biological Expose Components	Value	Determinant	Specimen	Sampling Time
Ethyl benzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and	Creatinine in urine	*
Xylene (CAS 1330-20-7)	1.5 g/g	phenylglyoxylic acid Methylhippuric	Creatinine in	*
	1.5 9/9	acids	urine	
 For sampling details, ple 	ease see the source docu	iment.		
Exposure guidelines				
US WEEL Guides: Skin d	lesignation			
Triethylenetetramine (CAS 112-24-3)	Can be	absorbed throu	gh the skin.
Appropriate engineering controls	changes per hour) s applicable, use proc maintain airborne le	hould be used. Ver ess enclosures, loc vels below recomm n airborne levels to	ntilation rates sh cal exhaust venti lended exposure an acceptable l	Good general ventilation (typically 10 air ould be matched to conditions. If ilation, or other engineering controls to e limits. If exposure limits have not been level. Eye wash facilities and emergency
Individual protection measur Eye/face protection	es, such as personal pro Wear safety glasses			a face shield.
Skin protection				
Hand protection	Wear appropriate ch supplier.	emical resistant glo	oves. Suitable g	loves can be recommended by the glove
Other	Wear appropriate ch	emical resistant clo	othina.	
Respiratory protection	If engineering contro	ols do not maintain able) or to an accep	airborne concer table level (in co	ntrations below recommended exposure ountries where exposure limits have not
Thermal hazards	Wear appropriate th			
			•	
General hygiene considerations	hygiene measures, s	such as washing af wash work clothing	ter handling the and protective	Irink. Always observe good personal material and before eating, drinking, and/or equipment to remove contaminants. of the workplace.
9. Physical and chemica	al properties			
Appearance				

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Amber
Odor	Solvent.

Odor threshold	Not available.			
рН	Not available.			
Melting point/freezing point	Not available.			
Initial boiling point and boiling range	134.24 °F (56.8 °C) estimated			
Flash point	14.0 °F (-10.0 °C) estimated			
Evaporation rate	Not available.			
Flammability (solid, gas)	Not applicable.			
Upper/lower flammability or exp	losive limits			
Flammability limit - lower (%)	3.1 % estimated			
Flammability limit - upper (%)	16 % estimated			
Explosive limit - lower (%)	Not available.			
Explosive limit - upper (%)	Not available.			
Vapor pressure	241.11 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	850 °F (454.44 °C) estimated			
Decomposition temperature	Not available.			
Viscosity	Not available.			
Other information				
Density	7.90 lbs/gal			
Flammability class	Flammable IB estimated			
Percent volatile	60 % estimated			
Specific gravity	0.95			
VOC	 1.1 lb/gal Material 2 lb/gal Coating 128 g/l Material 245 g/l Coating 			
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 acids. Strong oxidizing agents. Nitrates. Halogens.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposureInhalationHarmful if inhaled. May cause damage to organs through prolonged or repeated exposure by
inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.Skin contactCauses severe skin burns. Harmful in contact with skin. May cause an allergic skin reaction.Eye contactCauses serious eye damage.IngestionCauses digestive tract burns. Harmful if swallowed.

Acute toxicity

Burning pain and severe corrosive skin damage. Headache. May cause drowsiness and dizziness. Nausea, vomiting. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. Narcotic effects. May cause an allergic skin reaction.

	an allergic skin reaction.		
Components	Species	Test Results	
Ethyl benzene (CAS 100-41-4)			
<u>Acute</u>			
Dermal			
LD50	Rabbit	17800 mg/kg	
Oral			
LD50	Rat	3500 mg/kg	
Methyl acetate (CAS 79-20-9)			
Acute			
Oral			
LD50	Rabbit	3.7 g/kg	
silica, amorphous fumed (CAS 1	12945-52-5)		
Acute			
Oral		<i></i>	
LD50	Mouse	> 15000 mg/kg	
	Rat	> 22500 mg/kg	
Xylene (CAS 1330-20-7)			
<u>Acute</u>			
Dermal			
LD50	Rabbit	> 43 g/kg	
Inhalation			
LC50	Mouse	3907 mg/l, 6 Hours	
	Rat	6350 mg/l, 4 Hours	
Oral			
LD50	Mouse	1590 mg/kg	
	Rat	3523 - 8600 mg/kg	
* Estimates for product may	be based on additional compone	ant data not shown	
Skin corrosion/irritation	Causes severe skin burns an		
Serious eye damage/eye	Causes serious eye damage		
irritation	eddeee conodo eyo ddmage		
Respiratory or skin sensitizatio	on		
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	May cause an allergic skin re	action.	
Germ cell mutagenicity	No data available to indicate mutagenic or genotoxic.	No data available to indicate product or any components present at greater than 0.1% are	
Carcinogenicity	Suspected of causing cancer		
IARC Monographs. Overall	Evaluation of Carcinogenicity	1	
Ethyl benzene (CAS 100 silica, amorphous fumed Xylene (CAS 1330-20-7	d (CAS 112945-52-5)	2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans.	
Not listed.	Junstanues (20 01 11 1310.		
Reproductive toxicity	Components in this product h	nave been shown to cause birth defects and reproductive disorders ir	
		d of damaging fertility or the unborn child.	
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.		

Specific target organ toxicity - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

toxicity Harmful to aquatic life with long lasting effects.			
Components	Species Test Results		
Ethyl benzene (CAS 100-41-4)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
Methyl acetate (CAS 7	79-20-9)		
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	295 - 348 mg/l, 96 hours
Xylene (CAS 1330-20	-7)		
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours

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

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-oc	tanol / water (log Kow)
Ethyl benzene	3.15
Methyl acetate	0.18
Xylene	3.12 - 3.2
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow 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.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste 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	UN1263
UN proper shipping name	Paint, Paint Related Material
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	II
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	IB2, T7, TP1, TP8, TP28

Packaging exceptions Packaging non bulk Packaging bulk	150 202 242
IATA	
UN number	UN1263
UN proper shipping name Transport hazard class(es)	Paint, Paint Related Material
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	No.
ERG Code	3H
Special precautions for user Other information	Read safety instructions, SDS and emergency procedures before handling.
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1263
UN proper shipping name	Paint, Paint Related Material
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-E, <u>S-E</u>
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 the IBC Code	Not established.
DOT	



IATA; IMDG



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.

Ethyl benzene (CAS 100-	44 4	1.1.1.1	
Ethyl benzene (CAS 100-41-4)		Listed. Listed.	
Methyl acetate (CAS 79-20-9)		Listed. Listed.	
Xylene (CAS 1330-20-7) SARA 304 Emergency release notification		Listed.	
Not regulated.			
OSHA Specifically Regulate Not listed.	ed Substances (29 CFR 1910	.1001-1050)	
uperfund Amendments and Re	authorization Act of 1986 (S	ARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No	,	
SARA 302 Extremely hazard Not listed.	dous substance		
SARA 311/312 Hazardous chemical	No		
SARA 313 (TRI reporting)			
Chemical name		CAS number	% by wt.
Xylene Ethyl benzene		1330-20-7 100-41-4	5 to <10 1 to <5
her federal regulations			
-	n 112 Hazardous Air Pollutar	ts (HAPs) List	
Not regulated.	n 112(r) Accidental Release F	Prevention (40 CFR	68.130)
Safe Drinking Water Act (SDWA)	Not regulated.		
S state regulations US. California Controlled Su	ubstances. CA Department c	f Justice (Californi	a Health and Safety Code Section 11100)
S state regulations US. California Controlled Su Not listed.		·	a Health and Safety Code Section 11100) ations (Cal. Code Regs, tit. 22, 69502.3, sub
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl	hemicals List. Safer Consun	·	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100-	hemicals List. Safer Consun -41-4)	·	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100-	hemicals List. Safer Consun -41-4) ubstance List -41-4)	·	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9)	·	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5)	·	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) IS 112-24-3)	·	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7)	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) IS 112-24-3)	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7)	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (S 112-24-3) I Community Right-to-Know	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. New Jersey Worker and Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112945-52-5) (CAS 112-24-3) I Community Right-to-Know -41-4) 20-9)	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Su Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. New Jersey Worker and Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 Triethylenetetramine (CA	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3)	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Su Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. New Jersey Worker and Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 Triethylenetetramine (CA Xylene (CAS 1330-20-7)	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3)	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. New Jersey Worker and Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. Pennsylvania Worker and	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (S 112-24-3) I Community Right-to-Know -41-4) 20-9) (S 112-24-3) nd Community Right-to-Kno	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Su Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. New Jersey Worker and Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 Triethylenetetramine (CA Xylene (CAS 1330-20-7)	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3) nd Community Right-to-Kno -41-4) 20-9) (CAS 112945-52-5)	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. New Jersey Worker and Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. Pennsylvania Worker an Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 Silica, amorphous fumed Triethylenetetramine (CA S 100- Methyl acetate (CAS 79-2 Silica, amorphous fumed Triethylenetetramine (CA	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3) nd Community Right-to-Kno -41-4) 20-9) (CAS 112945-52-5)	ner Products Regul	-
S state regulations US. California Controlled Su Not listed. US. California. Candidate Cl (a)) Ethyl benzene (CAS 100- Xylene (CAS 1330-20-7) US. Massachusetts RTK - Si Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. New Jersey Worker and Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. Pennsylvania Worker an Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. Pennsylvania Worker an Ethyl benzene (CAS 100- Methyl acetate (CAS 79-2 silica, amorphous fumed Triethylenetetramine (CA Xylene (CAS 1330-20-7) US. Rhode Island RTK Ethyl benzene (CAS 100-	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3) nd Community Right-to-Kno -41-4) 20-9) (CAS 112945-52-5) (S 112-24-3)	ner Products Regul	-
 S state regulations US. California Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. Ethyl benzene (CAS 100-Xylene (CAS 1330-20-7)) US. Massachusetts RTK - Sinot Control Contrelation Control Control Control Control Control Control Co	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3) nd Community Right-to-Kno -41-4) 20-9) (CAS 112945-52-5) (S 112-24-3) -41-4)	ner Products Regul	-
 S state regulations US. California Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. Ethyl benzene (CAS 100-Xylene (CAS 1330-20-7)) US. Massachusetts RTK - Sunot S	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3) nd Community Right-to-Kno -41-4) 20-9) (CAS 112945-52-5) (S 112-24-3) -41-4)	ner Products Regul Act w Law	ations (Cal. Code Regs, tit. 22, 69502.3, sub
 S state regulations US. California Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. US. California. Candidate Classical Controlled Sunot listed. Ethyl benzene (CAS 100-Xylene (CAS 1330-20-7)) US. Massachusetts RTK - Sunot S	hemicals List. Safer Consun -41-4) ubstance List -41-4) 20-9) (CAS 112945-52-5) (CAS 112-24-3) d Community Right-to-Know -41-4) 20-9) (S 112-24-3) nd Community Right-to-Kno -41-4) 20-9) (CAS 112945-52-5) (S 112-24-3) -41-4) 55 contains a chemical known to	ner Products Regul Act w Law	ations (Cal. Code Regs, tit. 22, 69502.3, sub

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

Ethyl benzene (CAS 100-41-4)	Listed: June 11, 2004

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
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates 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

Issue date	04-24-2015
Version #	01
HMIS® ratings	Health: 3* Flammability: 3 Physical hazard: 0
NFPA ratings	Health: 3 Flammability: 3 Instability: 0
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses.