

# SAFETY DATA SHEET

#### 1. Identification

Product identifier	WATERMARK® KARL FISCHER WATER STANDARD, 0.10 mg/g
Other means of identification	
Product code	2301
Recommended use	professional, scientific and technical activities: other professional, scientific and technical activities
<b>Recommended restrictions</b>	None known.
Manufacturer/Importer/Supp	blier/Distributor information
Manufacturer	
Company name	GFS Chemicals, Inc.
Address	P.O. Box 245

	di o chemicalo, me.	
Address	P.O. Box 245	
	Powell, OH 43065	
	United States	
Telephone	Phone	740-881-5501
	Toll Free	800-858-9682
	Fax	740-881-5989
Website	www.gfschemicals.com	
E-mail	service@gfschemicals.com	
Emergency phone number	Emergency Assistance	Chemtrec 800-424-9300

#### 2. Hazard(s) identification

Prevention

Physical hazards	Flammable liquids	Category 2
Health hazards	Acute toxicity, dermal	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Reproductive toxicity	Category 2
	Specific target organ toxicity, repeated exposure	Category 1 (nervous system, respiratory system)
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	
Label elements		



# Signal wordDangerHazard statementHighly flammable liquid and vapor. Harmful in contact with skin. Causes skin irritation. Causes<br/>serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May<br/>damage fertility or the unborn child. Causes damage to organs (). Causes damage to organs<br/>(nervous system, respiratory system) through prolonged or repeated exposure. Harmful to aquatic<br/>life. Harmful to aquatic life with long lasting effects.Precautionary statement

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. Use spark-proof tools and explosion-proof equipment. Ground/bond container and receiving 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. Wear protective gloves/protective clothing/eye protection/face protection.

Response	Eliminate all ignition sources if safe to do so. 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. If exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media for extinction.
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 to an approved incineration plant.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

#### 3. Composition/information on ingredients

#### Mixtures

media

Chemical name	Common name and synonyms	CAS number	%
XYLENES		1330-20-7	81.99
ETHYLBENZENE		100-41-4	18
WATER		7732-18-5	0.01

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

**Composition comments** Product is a mixture of o-, m-, p- isomers of xylene and ethyl benzene

#### 4. First-aid measures

Inhalation	Move to fresh air. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Take off immediately all contaminated clothing. Wash off with soap and plenty of water. Call $\epsilon$ POISON CENTER or doctor/physician if you feel unwell. For minor skin contact, avoid spreading material on unaffected skin.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
Most important symptoms/effects, acute and delayed	Irritation of eyes and mucous membranes. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Narcosis. Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Proteinuria. Irritant effects. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Keep victim under observation. Symptoms may be delayed. Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention. Wash contaminated clothing before reuse.
5. Fire-fighting measures	5
Suitable extinguishing media	Water fog. Foam. Carbon dioxide (CO2). Foam, carbon dioxide or dry powder. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Powder.
Unsuitable extinguishing	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from This product is a poor conductor of electricity and can become electrostatically charged. If sufficient the chemical 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. By heating and fire, harmful vapors/gases may be formed. Material will float and may ignite on surface of water. Firefighters must use standard protective equipment including flame retardant coat, helmet with Special protective equipment and precautions for face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective firefighters clothing will only provide limited protection. **Fire fighting** In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and

**Fire fighting** In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage.

Specific methods	In the event of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk.	
General fire hazards	Highly flammable liquid and vapor.	
6. Accidental release mea	isures	
Personal precautions, protective equipment and emergency procedures	Remove all possible sources of ignition in the surrounding area. 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. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Wear appropriate personal protective equipment.	
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Should not be released into the environment. The product is immiscible with water and will spread on the water surface. Prevent entry intc waterways, sewers, basements or confined areas.	
	Large Spills: Stop leak if you can do so 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. Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water. Following product recovery, flush area with water. Clean up in accordance with all applicable regulations.	
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. 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.	
	Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.	
Environmental precautions	Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground. Avoid release to the environment. Use appropriate containment to avoid environmental contamination. Prevent further leakage or spillage if safe to do so. Do not contaminate water.	
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. Vapors may form explosive mixtures with air. 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. 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) 77, "National Electrical Code". 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. 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 contact with clothing. Use personal protective equipment as required. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.	
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. Store in cool place. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep out of the reach of children. Store in a cool, dry place out of direct sunlight.	

### 8. Exposure controls/personal protection

#### **Occupational exposure limits**

Components	Тур	e	V	alue
ETHYLBENZENE (CAS 100-41-4)	PEL		4	35 mg/m3
				00 ppm
XYLENES (CAS 1330-20-7)	PEL			35 mg/m3 00 ppm
US. ACGIH Threshold Lir	nit Values			
Components	Тур	e	V	alue
ETHYLBENZENE (CAS 100-41-4)	TW	4	2	0 ppm
XYLENES (CAS 1330-20-7)	STE			50 ppm
	TW/	-	1	00 ppm
US. NIOSH: Pocket Guid Components	e to Chemical Hazar Typ		v	alue
ETHYLBENZENE (CAS	STE		5	45 mg/m3
100-41-4)	-			-
	TW	^		25 ppm 35 mg/m3
	1 007	7		00 ppm
logical limit values				
US. ACGIH. BEIs. Biologi	cal Exposure Indice	S		
Components	Value	Determinant	Specimen	Sampling Time
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine ir urine	*
XYLENES (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine ir urine	*
* - For sampling details, ple	ase see the source do	cument.		
propriate engineering htrols		neral and local exha mediate work area.	ust ventilation.	An eye wash and safety shower must be
lividual protection measu	res, such as persona	al protective equip	ment	
Eye/face protection	Chemical goggles	are recommended. E	ye wash founta	ains are required.
Skin protection Hand protection	Wear protective gl	oves.		
Other	Wear appropriate	chemical resistant cl	othing. Wear pi	rotective gloves.
Respiratory protection	When workers are certified respirator		ns above the ex	posure limit they must use appropriate
Thermal hazards	Not available.			
neral hygiene nsiderations	When using, do no contact with clothi		ore breaks and	t with eyes. Avoid contact with skin. Avoi immediately after handling the product. d safety practice.
Physical and chemic	al properties			
pearance	Clear.			
Physical state	Liquid.			
Form	Liquid.			

Appearance	Clear.
Physical state	Liquid.
Form	Liquid.
Color	Colorless.
Odor	Aromatic.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-138.82 °F (-94.9 °C) estimated

Initial boiling point and boiling range	278.6 - 284 °F (137 - 140 °C)
Flash point	62.6 - 78.8 °F (17.0 - 26.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or e	xplosive limits
Flammability limit - lower (%)	1 % estimated
Flammability limit - upper (%)	6.8 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	10.65 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble in water
Partition coefficient (n-octanol/water)	3.1 - 3.2
Auto-ignition temperature	856.9 °F (458.28 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.864 g/cm3 estimated
Flammability class	Flammable IB estimated
Flash point class	Flammable IB
Percent volatile	100 % estimated
Specific gravity	0.864 estimated
VOC (Weight %)	99.99 % estimated

#### 10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Risk of explosion. Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks. Avoid temperatures exceeding the flash point.
Incompatible materials	Strong oxidizing agents. Strong acids. Halogens.
Hazardous decomposition products	Irritants. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### 11. Toxicological information

#### Information on likely routes of exposure

	Inhalation	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Due to lack of data the classification is not possible.
	Skin contact	Harmful in contact with skin.
	Eye contact	Causes serious eye irritation.
	Ingestion	Not available.
	Symptoms related to the physical, chemical and toxicological characteristics	Narcosis. Edema. Liver enlargement. Jaundice. Proteinuria. Behavioral changes. Decrease in motor functions. Irritant effects. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Information on toxicological effects		ffects
	A cuto toxicity	Larrafiel in contact with align

#### Acute toxicity Harmful in contact with skin.

Product	Species	Test Results
VATERMARK® KARL FISCHER	WATER STANDARD, 0.10 mg/g (CAS Mixture)	
Acute		
Dermal		
LD50	Rabbit	52.4454 g/kg estimated
Inhalation		
LC50	Mouse	4765.2153 mg/l, 6 h estimated
		4765.2153 mg/l, 6 Hours estimated
		3907 mg/l
	Rat	7744.8472 mg/l, 4 h estimated
		7744.8472 mg/l, 4 Hours estimated
		6351 mg/l
LCL0	Rat	9757.2871 mg/l, 4 h estimated
		8001 mg/l
Oral		
LD50	Mouse	3609 mg/kg
	Rat	3519.1892 mg/kg estimated
Other		
LD50	Mouse	12622.2227 mg/kg estimated
omponents	Species	Test Results
THYLBENZENE (CAS 100-41-4)	)	
Acute		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		"
LD50	Rat	3500 mg/kg
Other		2272 "
LD50	Mouse	2272 mg/kg
(LENES (CAS 1330-20-7)		
Acute		
<i>Dermal</i> LD50	Rabbit	> 43 g/kg
Inhalation	Kubbit	
LC50	Mouse	3907 mg/l, 6 h
		3907 mg/l, 6 Hours
	Rat	6350 mg/l, 4 h
		6350 mg/l, 4 Hours
	Dat	••••
LCL0	Rat	8000 mg/l, 4 h
<i>Oral</i> LD50	Mouse	5627 mg/kg
	110435	
	Dat	1590 mg/kg
	Rat	3523 - 8600 mg/kg
		6670 mg/kg
		4300 mg/kg
		3523 - 8600 mg/kg
	y be based on additional component data not shown.	
kin corrosion/irritation	Causes skin irritation.	
erious eye damage/eye rritation	Causes serious eye irritation.	
espiratory or skin sensitiza		
Respiratory sensitizatio	<b>n</b> Due to lack of data the classification is not possible	

Skin sensitization	Due to lack of data the classification is not possible.	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Possible cancer hazard based on tests with laboratory animals. Suspected of causing cancer	
IARC Monographs. Overall	Evaluation of Carcinogenicity	
ETHYLBENZENE (CAS 100 XYLENES (CAS 1330-20-7		
Reproductive toxicity	Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. May damage fertility or the unborn child.	
Specific target organ toxicity - single exposure	May cause irritation to the respiratory system. Narcotic effects. Causes damage to organs ().	
Specific target organ toxicity - repeated exposure	Causes damage to organs (nervous system, respiratory system) through prolonged or repeated exposure.	
Aspiration hazard	Due to lack of data the classification is not possible.	
Chronic effects	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. Causes damage to organs through prolonged or repeated exposure.	

#### **12. Ecological information**

Product		Species	Test Results
WATERMARK® KARL	FISCHER WATER S	TANDARD, 0.10 mg/g (CAS Mixture)	
Aquatic			
Crustacea	EC50	Daphnia	22.2917 mg/l, 48 hours estimated
Fish	LC50	Fish	49.2277 mg/l, 96 hours estimated
Components		Species	Test Results
ETHYLBENZENE (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
XYLENES (CAS 1330-2	.0-7)		
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** Not available.

Partition coefficient n-octa WATERMARK® KARL FISCHER mg/g	, , ,	3.12 - 3.2
ETHYLBENZENE XYLENES		3.15 3.12 - 3.2
Mobility in soil	Not available.	
Other adverse effects	Not available.	

#### 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazardous waste code	D001: Waste Flammable material with a flash point <140 F
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	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

	-
DOT	
UN number	UN1307
UN proper shipping name	Xylenes
Transport hazard class(es)	,
Class	3
Subsidiary risk	-
	3
Label(s)	
Packing group	II Dead asfets instructions, CDC and another surgestimes before boardling.
Special precautions for	Read safety instructions, SDS and emergency procedures before handling.
user	
Special provisions	IB2, T4, TP1
Packaging exceptions	150
Packaging non bulk	202
Packaging bulk	242
ΙΑΤΑ	
UN number	UN1307
UN proper shipping name	Xylenes
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	No.
ERG Code	31
	SL Not available.
Special precautions for user	
Other information	
Passenger and cargo	Allowed.
aircraft	
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1307
UN proper shipping name	XYLENES
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D
Special precautions for	Not available.
special precautions for user	וזטר מימוומטול.
Transport in bulk according to	This substance/mixture is not intended to be transported in bulk.
Annex II of MARPOL 73/78	וווס שששנמונכן וווגנעוב וא ווטג ווונכוועכע נט של גומואטטונכע ווו שעוג.
and the IBC Code	
DOT	
<b>—</b>	



IATA; IMDG				
General information	DOT Regulated Marine Pollut	ant. IMDG Regulate	ed Marine Pollutant.	
15. Regulatory informat US federal regulations TSCA Section 12(b) Expor Not regulated.	ion All components are on the U t Notification (40 CFR 707,		tory List.	
CERCLA Hazardous Substa ETHYLBENZENE (CAS 10 XYLENES (CAS 1330-20- SARA 304 Emergency rele Not regulated.	0-41-4) 7)	Listed. Listed.		
Superfund Amendments and H Hazard categories	Reauthorization Act of 1986 Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No	(SARA)		
SARA 302 Extremely haza Not listed.	-			
SARA 311/312 Hazardous chemical	Yes			
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.	
		<b>CAS number</b> 1330-20-7 100-41-4	% by wt. 81.99 18	
Chemical name XYLENES ETHYLBENZENE Other federal regulations Clean Air Act (CAA) Section ETHYLBENZENE (CAS 10 XYLENES (CAS 1330-20- Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act	on 112 Hazardous Air Pollut 0-41-4)	1330-20-7 100-41-4 ants (HAPs) List	81.99 18	
Chemical name XYLENES ETHYLBENZENE Other federal regulations Clean Air Act (CAA) Section ETHYLBENZENE (CAS 10 XYLENES (CAS 1330-20- Clean Air Act (CAA) Section Not regulated.	on <b>112 Hazardous Air Pollut</b> 0-41-4) 7) on <b>112(r) Accidental Releas</b> Not regulated.	1330-20-7 100-41-4 ants (HAPs) List e Prevention (40	81.99 18	e cancer.
Chemical name XYLENES ETHYLBENZENE Other federal regulations Clean Air Act (CAA) Section ETHYLBENZENE (CAS 10 XYLENES (CAS 1330-20- Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Control 11100)	on 112 Hazardous Air Pollut 0-41-4) 7) on 112(r) Accidental Release Not regulated. WARNING: This product con	1330-20-7 100-41-4 ants (HAPs) List e Prevention (40 tains a chemical know	81.99 18 CFR 68.130)	
Chemical name XYLENES ETHYLBENZENE Other federal regulations Clean Air Act (CAA) Section ETHYLBENZENE (CAS 10 XYLENES (CAS 1330-20- Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Control 11100) Not listed. US. Massachusetts RT ETHYLBENZENE (CA XYLENES (CAS 1330	on 112 Hazardous Air Pollut 0-41-4) 7) on 112(r) Accidental Release Not regulated. WARNING: This product con Ied Substances. CA Departn CK - Substance List (S 100-41-4) (-20-7)	1330-20-7 100-41-4 ants (HAPs) List e Prevention (40 tains a chemical kno nent of Justice (C	81.99 18 CFR 68.130)	
Chemical name XYLENES ETHYLBENZENE Other federal regulations Clean Air Act (CAA) Section ETHYLBENZENE (CAS 10 XYLENES (CAS 1330-20- Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Control 11100) Not listed. US. Massachusetts RT ETHYLBENZENE (CA XYLENES (CAS 1330) US. New Jersey Workd ETHYLBENZENE (CA XYLENES (CAS 1330) US. Pennsylvania Workd	on 112 Hazardous Air Pollut 0-41-4) 7) on 112(r) Accidental Release Not regulated. WARNING: This product con led Substances. CA Departn K - Substance List (S 100-41-4) 1-20-7) er and Community Right-to (S 100-41-4) 1-20-7) ker and Community Right-to	1330-20-7 100-41-4 ants (HAPs) List e Prevention (40 tains a chemical kno nent of Justice (C	81.99 18 CFR 68.130)	
Chemical name XYLENES ETHYLBENZENE Other federal regulations Clean Air Act (CAA) Section ETHYLBENZENE (CAS 10 XYLENES (CAS 1330-20-7 Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Control 11100) Not listed. US. Massachusetts RT ETHYLBENZENE (CA XYLENES (CAS 1330 US. New Jersey Workd ETHYLBENZENE (CA XYLENES (CAS 1330	n 112 Hazardous Air Pollut 0-41-4) 7) n 112(r) Accidental Release Not regulated. WARNING: This product con led Substances. CA Departm K - Substance List (S 100-41-4) 1-20-7) er and Community Right-to (S 100-41-4) 1-20-7) Ker and Community Right-to (S 100-41-4) 1-20-7) (S 100-41-4) (S 100-	1330-20-7 100-41-4 ants (HAPs) List e Prevention (40 tains a chemical kno nent of Justice (C	81.99 18 CFR 68.130)	

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

ETHYLBENZENE (CAS 100-41-4)	Listed: June 11, 2004
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International I	nventories
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Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates 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 Version #	May-24-2015 01
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. 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.
Revision Information	Product and Company Identification: Product Codes Composition / Information on Ingredients: Ingredients Physical & Chemical Properties: Multiple Properties Transport Information: Proper Shipping Name/Packing Group