SAFETY DATA SHEET

1. Identification

Product identifier	**UVMAX**
Other means of identification	None.
Recommended use	Tintable UV curable coating for ophthalmic lenses
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	Coburn Technologies Inc.	
Address	83 Gerber Rd. West South Windsor, CT 06074 United States	
Telephone	Phone	+860-648-6607
Website	coburntechnologies.com	
E-mail	Not available.	
Emergency phone number	Chem	+800-255-3924 (US and Canada) +813-248-0585 (International)

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
	Reproductive toxicity	Category 1B
OSHA defined hazards	Not classified.	

Label elements

Signal word Danger

Hazard statement Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful if inhaled. May damage fertility or the unborn child.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust or mists. Avoid breathing vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response Rinse mouth. 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. In case of fire: Use Dry chemical, CO2, water spray or regular foam. for extinction. Take off contaminated clothing and wash it before reuse.

Storage Store locked up.

Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	87.483041772186% of the mixture consists of component(s) of unknown acute oral toxicity. 63.137865083339% of the mixture consists of component(s) of unknown acute dermal toxicity. 97.285412922186% of the mixture consists of component(s) of unknown acute inhalation toxicity.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
TRADE SECRET*		Proprietary*	30-40
TRADE SECRET*		Proprietary*	20-30
2-Propenoic acid, (tetrahydro-2-		2399-48-6	5-10
Aliphatic urethane acrylate		NA	5-10
Benzeneacetic acid, .alpha.-oxo-, 1,1'-(oxydi-2,1-ethanediyl)		211510-16-6	1-3
Benzeneacetic acid, .alpha.-oxo-, 2-(2-hydroxyethoxy)ethyl ester		442536-99-4	1-3
Propylene carbonate		108-32-7	1-3
P-Thiophenoxyphenyldiphenylsulfonium…		71449-78-0	1-3
Sulfonium, (Thiodi-4,1-Phenylene)…		89452-37-9	1-3
2-Furanmethanol, tetrahydro-		97-99-4	<0.1
4-methoxyphenol		150-76-5	<0.1
Acetaldehyde		75-07-0	<0.1
Acrylic Acid		79-10-7	<0.1
Ethylbenzene		100-41-4	<0.1
Formaldehyde		50-00-0	<0.1
Methyloxirane; Propylene Oxide		75-56-9	<0.1
Xylene		1330-20-7	<0.1
Other components below reportable levels			10-20

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	Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. 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	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.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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	This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

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 get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid inhalation of vapors and spray mists. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Components	Type	Value
Formaldehyde (CAS 50-00-0)	STEL	2 ppm
	TWA	0.75 ppm

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

Components	Type	Value
Acetaldehyde (CAS 75-07-0)	PEL	360 mg/m3
		200 ppm
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3
		100 ppm
Methyloxirane; Propylene Oxide (CAS 75-56-9)	PEL	240 mg/m3
		100 ppm
P-Thiophenoxyphenyldiphenylsulfonium… (CAS 71449-78-0)	PEL	0.5 mg/m3
Sulfonium, (Thiodi-4,1-Phenylene)… (CAS 89452-37-9)	PEL	0.5 mg/m3
Xylene (CAS 1330-20-7)	PEL	435 mg/m3
		100 ppm

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value
4-methoxyphenol (CAS 150-76-5)	TWA	5 mg/m3
Acetaldehyde (CAS 75-07-0)	Ceiling	25 ppm
Acrylic Acid (CAS 79-10-7)	TWA	2 ppm
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm
Formaldehyde (CAS 50-00-0)	STEL	0.3 ppm
	TWA	0.1 ppm
Methyloxirane; Propylene Oxide (CAS 75-56-9)	TWA	2 ppm
P-Thiophenoxyphenyldiphenylsulfonium… (CAS 71449-78-0)	TWA	0.5 mg/m3
Sulfonium, (Thiodi-4,1-Phenylene)… (CAS 89452-37-9)	TWA	0.5 mg/m3
Xylene (CAS 1330-20-7)	TWA	20 ppm

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Components	Type	Value
Acetaldehyde (CAS 75-07-0)	IDLH	4 %
		2000 ppm
Ethylbenzene (CAS 100-41-4)	IDLH	0.8 %
		800 ppm
Formaldehyde (CAS 50-00-0)	IDLH	7 %
		20 ppm
Methyloxirane; Propylene Oxide (CAS 75-56-9)	IDLH	2.3 %
		400 ppm

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Components	Type	Value
P-Thiophenoxyphenyldiphenylsulfonium… (CAS 71449-78-0)	IDLH	50 mg/m3
Sulfonium, (Thiodi-4,1-Phenylene)… (CAS 89452-37-9)	IDLH	50 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)

Components	Type	Value
4-methoxyphenol (CAS 150-76-5)	TWA	5 mg/m3
Acrylic Acid (CAS 79-10-7)	TWA	6 mg/m3
		2 ppm
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3
		125 ppm
	TWA	435 mg/m3
		100 ppm
Formaldehyde (CAS 50-00-0)	Ceiling	0.1 ppm
	TWA	0.016 ppm
P-Thiophenoxyphenyldiphenylsulfonium… (CAS 71449-78-0)	TWA	0.5 mg/m3
Sulfonium, (Thiodi-4,1-Phenylene)… (CAS 89452-37-9)	TWA	0.5 mg/m3
Xylene (CAS 1330-20-7)	STEL	655 mg/m3
		150 ppm
	TWA	435 mg/m3
		100 ppm

US. OARS. Workplace Environmental Exposure Level (WEEL) Guide

Components	Type	Value
2-Furanmethanol, tetrahydro- (CAS 97-99-4)	TWA	2 mg/m3
		0.5 ppm

Biological limit values

ACGIH Biological Exposure Indices (BEI)

Components	Value	Determinant	Specimen	Sampling Time
Ethylbenzene (CAS 100-41-4)	150 mg/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
Xylene (CAS 1330-20-7)	0.3 g/g	Methylhippuric acids	Creatinine in urine	*

* - For sampling details, please see the source document.

Exposure guidelines

US - California OELs: Skin designation

Acrylic Acid (CAS 79-10-7) Can be absorbed through the skin.

US - Tennessee OELs: Skin designation

Acrylic Acid (CAS 79-10-7) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Acrylic Acid (CAS 79-10-7)	Danger of cutaneous absorption

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

Acrylic Acid (CAS 79-10-7)	Can be absorbed through the skin.

US WEEL Guides: Skin designation

2-Furanmethanol, tetrahydro- (CAS 97-99-4)	Can be absorbed through the skin.

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection Nitrile gloves are recommended. Select suitable chemical resistant protective gloves (EN 374) with a protective index 6 (>480min permeation time). The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Glove selection must take into account any solvents and other hazards present. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. In case of contamination replace immediately.

Other Wear appropriate chemical resistant clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Observe any medical surveillance requirements. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color Colorless

Odor Mild Ester

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range >392 °F (>200 °C)

Flash point >302.0 °F (>150.0 °C)

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Other information

Dynamic viscosity	> 31 - < 41 cP
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	1.13
VOC	0.04 % estimated

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	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Harmful if inhaled.
Skin contact	Causes severe skin burns. Harmful in contact with skin.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns. Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. 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

Acute toxicity Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed.

Product	**Species**	**Test Results**
UVMAX		
Acute		
Dermal		
ATEmix		1109 mg/kg bw
Inhalation		
Vapor		
ATEmix		12.99 mg/l
Oral		
ATEmix		517.1 mg/kg bw

Components	**Species**	**Test Results**
2-Furanmethanol, tetrahydro- (CAS 97-99-4)		
Acute		
Oral		
LD50	Rat	1.6 - 3.2 g/kg
4-methoxyphenol (CAS 150-76-5)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg

Components	Species	Test Results
Acetaldehyde (CAS 75-07-0)		
Acute		
Dermal		
LD50	Rabbit	3540 mg/kg
Oral		
LD50	Rat	661 mg/kg
Ethylbenzene (CAS 100-41-4)		
Acute		
Dermal		
LD50	Rabbit	17800 mg/kg
Oral		
LD50	Rat	3500 mg/kg
Xylene (CAS 1330-20-7)		
Acute		
Oral		
LD50	Rat	3523 - 8600 mg/kg

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization

ACGIH sensitization

Formaldehyde (CAS 50-00-0)	Dermal sensitization Respiratory sensitization
Propylene oxide (CAS 75-56-9)	Dermal sensitization

Respiratory sensitization Not a respiratory sensitizer.

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

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Acetaldehyde (CAS 75-07-0)	2B Possibly carcinogenic to humans.
Acrylic Acid (CAS 79-10-7)	3 Not classifiable as to carcinogenicity to humans.
Ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.
Formaldehyde (CAS 50-00-0)	1 Carcinogenic to humans.
Methyloxirane; Propylene Oxide (CAS 75-56-9)	2B Possibly carcinogenic to humans.
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Formaldehyde (CAS 50-00-0)	Cancer

US. National Toxicology Program (NTP) Report on Carcinogens

Acetaldehyde (CAS 75-07-0)	Reasonably Anticipated to be a Human Carcinogen.
Formaldehyde (CAS 50-00-0)	Known To Be Human Carcinogen.
Methyloxirane; Propylene Oxide (CAS 75-56-9)	Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity May damage fertility or the unborn child.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
4-methoxyphenol (CAS 150-76-5)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	3 mg/l, 48 hours
	NOEC	Water flea (Daphnia magna)	1.32 mg/l, 48 hours
Acute			
Fish	LC50	Fathead minnow (Pimephales promelas)	84.3 mg/l, 96 hours
		Rainbow trout,donaldson trout (Oncorhynchus mykiss)	28.5 mg/l, 96 hours
Acetaldehyde (CAS 75-07-0)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	39.4 - 59.1 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	28 - 34 mg/l, 96 hours
Ethylbenzene (CAS 100-41-4)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Atlantic silverside (Menidia menidia)	4.4 - 5.7 mg/l, 96 hours
Formaldehyde (CAS 50-00-0)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Daphnia pulex)	4.3 - 7.8 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	8.7 mg/l, 96 hours
Xylene (CAS 1330-20-7)			
Aquatic			
Acute			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	6.702 - 10.032 mg/l, 96 hours

Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)	
4-methoxyphenol	1.41
Acetaldehyde	-0.34
Acrylic Acid	0.35
Ethylbenzene	3.15
Formaldehyde	0.35
Methyloxirane; Propylene Oxide	0.03

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 Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. 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	D002: Waste Corrosive material [pH ≤2 or =>12.5, or corrosive to steel] 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.
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	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (2-Propenoic acid, (tetrahydro-2-), MARINE POLLUTANT (P-Thiophenoxyphenyldiphenylsulfonium…, Sulfonium, (Thiodi-4,1-Phenylene)…)
Transport hazard class(es)	
Class	9
Subsidiary hazard	-
Label(s)	9
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	8, 146, 173, 335, IB3, T4, TP1, TP29
Packaging exceptions	155
Packaging non bulk	203
Packaging bulk	241

IATA

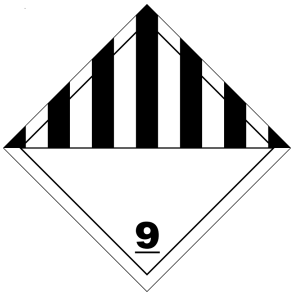
UN number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (2-Propenoic acid, (tetrahydro-2-)
Transport hazard class(es)	
Class	9
Subsidiary hazard	-
Packing group	III
Environmental hazards	Yes
ERG Code	9L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.

IMDG

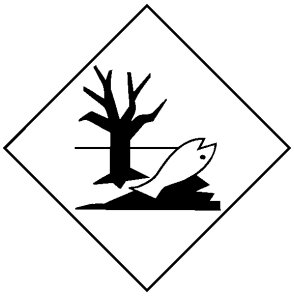
UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Propenoic acid, (tetrahydro-2-), MARINE POLLUTANT (P-Thiophenoxyphenyldiphenylsulfonium…, Sulfonium, (Thiodi-4,1-Phenylene)…)
Transport hazard class(es)	
Class	9
Subsidiary hazard	-
Packing group	III
Environmental hazards	
Marine pollutant	Yes
EmS	F-A, S-F
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



Marine pollutant



General information IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) All components of the mixture on the TSCA 8(b) inventory are designated “active”.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Formaldehyde (CAS 50-00-0)	100 LBS
Methyloxirane; Propylene Oxide (CAS 75-56-9)	100 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Formaldehyde (CAS 50-00-0)	Cancer Skin sensitization Respiratory sensitization Eye irritation Skin irritation respiratory tract irritation Acute toxicity Flammability

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Chemical name	CAS number	Reportable quantity (pounds)	Threshold planning quantity (pounds)	Threshold planning quantity, lower value (pounds)	Threshold planning quantity, upper value (pounds)
Formaldehyde	50-00-0	100	500		
Methyloxirane; Propylene Oxide	75-56-9	100	10000		

SARA 311/312 Hazardous chemical Yes

Classified hazard categories
Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation
Reproductive toxicity

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Acetaldehyde	75-07-0	<0.1
Ethylbenzene	100-41-4	<0.1
Formaldehyde	50-00-0	<0.1
Methyloxirane; Propylene Oxide	75-56-9	<0.1
P-Thiophenoxyphenyldiphenylsulfonium…	71449-78-0	1-3
Sulfonium, (Thiodi-4,1-Phenylene)…	89452-37-9	1-3

Other federal regulations

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

Acetaldehyde (CAS 75-07-0)
Acrylic Acid (CAS 79-10-7)
Ethylbenzene (CAS 100-41-4)
Formaldehyde (CAS 50-00-0)
Methyloxirane; Propylene Oxide (CAS 75-56-9)
P-Thiophenoxyphenyldiphenylsulfonium… (CAS 71449-78-0)
Sulfonium, (Thiodi-4,1-Phenylene)… (CAS 89452-37-9)
Xylene (CAS 1330-20-7)

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

Acetaldehyde (CAS 75-07-0)
Formaldehyde (CAS 50-00-0)
Methyloxirane; Propylene Oxide (CAS 75-56-9)

Safe Drinking Water Act (SDWA) Contains component(s) regulated under the Safe Drinking Water Act.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Acetaldehyde (CAS 75-07-0)	High priority

US state regulations

California Proposition 65

WARNING: This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004
Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988
Methyloxirane; Propylene Oxide (CAS 75-56-9)	Listed: October 1, 1988

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
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 08-08-2025

Version # 01

NFPA ratings Health: 3
Flammability: 0
Instability: 0

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available. Attention: This container will have vapour and/or product residues when emptied. All hazard precautions on label must be observed when handling emptied container. Do not cut or weld container. Do not reuse container.