

# SAFETY DATA SHEET

## EMBREAK\* 2W157

### 1. Identification

**Product identifier** EMBREAK 2W157  
**Other means of identification** None.  
**Recommended use** Oil based emulsion breaker  
**Recommended restrictions** None known.

#### Company/undertaking identification

GE Betz, Inc.  
4636 Somerton Road  
Trevose, PA 19053  
T 215 355 3300, F 215 953 5524

#### Emergency telephone

(800) 877 1940

### 2. Hazard(s) identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1B
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
<b>OSHA defined hazards</b>	Not classified.	

#### Label elements



#### Signal word

Danger

#### Hazard statement

Flammable liquid and vapor. May cause cancer. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Harmful if inhaled. May cause respiratory irritation. May cause genetic defects. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

<b>Precautionary statement</b>	
<b>Prevention</b>	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. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	If swallowed: Immediately call a poison center/doctor/. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor/. Specific treatment (see on this label). Do NOT induce vomiting. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use dry chemical, carbon dioxide or foam. to extinguish.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Solvent naphtha (petroleum),heavy aromatic		64742-94-5	40 - 60
Formaldehyde, polymer with 4-nonylphenol and oxirane		30846-35-6	20 - 40
1,2,3-trimethylbenzene		526-73-8	2.5 - 10
1,2,4-Trimethylbenzene		95-63-6	2.5 - 10
Butan-1-ol		71-36-3	2.5 - 10
Naphthalene		91-20-3	2.5 - 10
Octyl alcohol		111-87-5	2.5 - 10
Solvent naphtha (petroleum), light arom.		64742-95-6	2.5 - 10

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

### 4. First-aid measures

<b>Inhalation</b>	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.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Take off contaminated clothing and wash before reuse. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Do not induce vomiting. Aspiration may cause pulmonary edema and pneumonitis. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Most important symptoms/effects, acute and delayed</b>	Dermatitis. Rash. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. May cause redness and pain. May cause an allergic skin reaction. Prolonged exposure may cause chronic effects.
<b>Indication of immediate medical attention and special treatment needed</b>	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. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Carbon dioxide, dry chemicals, foam. Avoid water if possible.
<b>Unsuitable extinguishing media</b>	Avoid water if possible.
<b>Specific hazards arising from the chemical</b>	Oxides of carbon evolved in fire.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type). Use standard firefighting procedures and consider the hazards of other involved materials. Prevent spillage and fire-fighting water from entering in public sewers or the immediate environment. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Flammable liquid and vapor.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	<p>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.</p> <p>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 entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p>
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Combustible. Do not use around sparks or flames. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. 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 this material in contact with eyes. Avoid contact with skin. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Avoid contact with clothing. Use only outdoors or in a well-ventilated area. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store away from oxidizers. Store locked up. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers. Store in accordance with local/regional/national/international regulation.

## 8. Exposure controls/personal protection

### Occupational exposure limits

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

Components	Type	Value
Butan-1-ol (CAS 71-36-3)	PEL	300 mg/m <sup>3</sup> 100 ppm
Naphthalene (CAS 91-20-3)	PEL	50 mg/m <sup>3</sup> 10 ppm

### US. ACGIH Threshold Limit Values

Components	Type	Value
1,2,3-trimethylbenzene (CAS 526-73-8)	TWA	25 ppm
1,2,4-Trimethylbenzene (CAS 95-63-6)	TWA	25 ppm
Butan-1-ol (CAS 71-36-3)	TWA	20 ppm
Naphthalene (CAS 91-20-3)	TWA	10 ppm

### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
1,2,3-trimethylbenzene (CAS 526-73-8)	TWA	125 mg/m <sup>3</sup> 25 ppm
1,2,4-Trimethylbenzene (CAS 95-63-6)	TWA	125 mg/m <sup>3</sup> 25 ppm
Butan-1-ol (CAS 71-36-3)	Ceiling	150 mg/m <sup>3</sup> 50 ppm
Naphthalene (CAS 91-20-3)	STEL	75 mg/m <sup>3</sup> 15 ppm
	TWA	50 mg/m <sup>3</sup> 10 ppm

### US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Octyl alcohol (CAS 111-87-5)	TWA	265 mg/m <sup>3</sup> 50 ppm

**Biological limit values** No biological exposure limits noted for the ingredient(s).

#### Exposure guidelines

##### US. ACGIH Threshold Limit Values

Naphthalene (CAS 91-20-3)

Can be absorbed through the skin.

**Appropriate engineering controls** Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) 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** Splash proof chemical goggles.

##### Skin protection

**Hand protection** Chemical resistant gloves.

##### Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Rubber, butyl, viton or neoprene gloves. Wash off after each use. Replace as necessary.

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** When using, do not eat, drink or smoke. 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. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

#### Appearance

**Color** Amber

**Physical state** Liquid

**Odor** Hydrocarbon

**Odor threshold** Not available.

**pH in aqueous solution** 9.6 (1% EMULSION)

**Melting point/freezing point** < -10 °F (< -23 °C)

<b>Initial boiling point and boiling range</b>	350 °F (177 °C)
<b>Flash point</b>	121 °F (49 °C) P-M(CC)
<b>Evaporation rate</b>	< 1 (Ether = 1)
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	< 10 mm Hg
<b>Vapor pressure temp.</b>	70 °F (21 °C)
<b>Vapor density</b>	> 1 (Air = 1)
<b>Relative density</b>	0.93
<b>Relative density temperature</b>	70 °F (21 °C)
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	< 0.01 %
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	45 cps
<b>Viscosity temperature</b>	70 °F (21 °C)
<b>Other information</b>	
<b>Percent volatile</b>	65 (Estimated)
<b>Pour point</b>	-5 °F (-21 °C)
<b>Specific gravity</b>	0.93

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with oxidizers may cause fire. Friction, heat or other sources of ignition may cause a violent reaction releasing heat and toxic fumes.
<b>Incompatible materials</b>	Avoid contact with strong oxidizers.
<b>Hazardous decomposition products</b>	Oxides of carbon evolved in fire.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	May be fatal if swallowed and enters airways. Harmful if inhaled. May cause damage to organs by inhalation.
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye damage.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.

**Symptoms related to the physical, chemical and toxicological characteristics** Dermatitis. Rash. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. May cause redness and pain. May cause an allergic skin reaction.

### Information on toxicological effects

**Acute toxicity** May be fatal if swallowed and enters airways. Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation.

Product	Species	Test Results
EMBREAK 2W157 (CAS Mixture)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2430 mg/kg, (Calculated according to GHS additivity formula)
<i>Oral</i>		
LD50	Rat	3290 mg/kg, (Calculated according to GHS additivity formula)
<b>Components</b>	<b>Species</b>	<b>Test Results</b>
1,2,3-trimethylbenzene (CAS 526-73-8)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
1,2,4-Trimethylbenzene (CAS 95-63-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 3160 mg/kg
<i>Inhalation</i>		
LC50	Rat	18 mg/L, 4 Hour
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Butan-1-ol (CAS 71-36-3)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	3400 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 17.8 mg/L, 4 Hour
<i>Oral</i>		
LD50	Rat	790 mg/kg
Naphthalene (CAS 91-20-3)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 16000 mg/kg
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
Octyl alcohol (CAS 111-87-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Solvent naphtha (petroleum), light arom. (CAS 64742-95-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rat	> 3160 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5.2 mg/L, 4 Hour
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg

Components	Species	Test Results
Solvent naphtha (petroleum),heavy aromatic (CAS 64742-94-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 3160 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5.2 mg/L, 4 Hour
<i>Oral</i>		
LD50	Rat	7050 mg/kg
UVCB substance(s)	Species	Test Results

Hydrocarbons, C10, aromatics, >1% naphthalene (CAS N/A)

**Acute**

*Dermal*

LD50 Rabbit > 2000 mg/kg

*Inhalation*

LC50 Rat > 4688 mg/m3, (Saturated vapor concentration)

*Oral*

LD50 Rat > 2000 mg/kg

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

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not available.

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

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** May cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Naphthalene (CAS 91-20-3) 2B Possibly carcinogenic to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Naphthalene (CAS 91-20-3) Reasonably Anticipated to be a Human Carcinogen.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not available.

**Chronic effects** May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

**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.

Product	Species	Test Results
EMBREAK 2W157 (CAS Mixture)		
	LC50	Fathead Minnow
	NOEL	Fathead Minnow
		5.3 mg/L, Static Acute Bioassay, 96 hour
		3.7 mg/L, Static Acute Bioassay, 96 hour
<b>Aquatic</b>		
Crustacea	LC50	Daphnia magna
		3.4 mg/L, Static Acute Bioassay, 48 hour

Product	Species	Test Results
	NOEL	Daphnia magna
		0.87 mg/L, Static Acute Bioassay, 48 hour

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

<b>Bioaccumulative potential</b>	No data available.
<b>Partition coefficient n-octanol / water (log Kow)</b>	
Butan-1-ol	0.9
Naphthalene	3.3
Octyl alcohol	3
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
<b>Environmental fate</b>	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.
<b>Persistence and degradability</b>	No data is available on the degradability of this product.
- COD (mgO2/g)	2212 (calculated data)
- TOC (mg C/g)	774 (calculated data)

### 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	D001: Waste Flammable material with a flash point <140 F D018: Waste Benzene The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	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

<b>DOT</b>	
<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (NAPHTHALENE RQ = 1522 LBS, N-BUTYL ALCOHOL), RQ (NAPHTHALENE, BENZENE)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>ERG number</b>	128
	Some containers may be exempt from Dangerous Goods/Hazmat Transport Regulations, please check BOL for exact container classification.
<b>IATA</b>	
<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (NAPHTHALENE; N-BUTYL ALCOHOL)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	128
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.



<b>IMDG</b>	
<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (NAPHTHALENE, N-BUTYL ALCOHOL), RQ (NAPHTHALENE, BENZENE), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
Marine pollutant	Yes
<b>EmS</b>	Not available.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

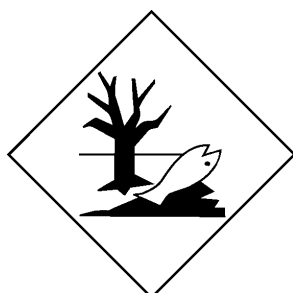
**DOT**



**IATA; IMDG**



**Marine pollutant**



**General information**                      IMDG 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.  
All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Butan-1-ol (CAS 71-36-3)	Listed.
Naphthalene (CAS 91-20-3)	Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
1,2,4-Trimethylbenzene	95-63-6	2.5 - 10
Butan-1-ol	71-36-3	2.5 - 10
Naphthalene	91-20-3	2.5 - 10

## Other federal regulations

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

Naphthalene (CAS 91-20-3)

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

Not regulated.

**Clean Water Act (CWA) Section 112(r) (40 CFR 68.130)** Hazardous substance

**Safe Drinking Water Act (SDWA)** Not regulated.

## Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	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).

**US state regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### US - Massachusetts RTK - Substance List

1,2,3-trimethylbenzene (CAS 526-73-8)  
1,2,4-Trimethylbenzene (CAS 95-63-6)  
Butan-1-ol (CAS 71-36-3)  
Naphthalene (CAS 91-20-3)

### US - Pennsylvania RTK - Hazardous Substances

1,2,3-trimethylbenzene (CAS 526-73-8)  
1,2,4-Trimethylbenzene (CAS 95-63-6)  
Butan-1-ol (CAS 71-36-3)  
Naphthalene (CAS 91-20-3)  
Octyl alcohol (CAS 111-87-5)  
Solvent naphtha (petroleum),heavy aromatic (CAS 64742-94-5)

### US - Rhode Island RTK

Butan-1-ol (CAS 71-36-3)  
Naphthalene (CAS 91-20-3)

### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

### US. New Jersey Worker and Community Right-to-Know Act

1,2,3-trimethylbenzene (CAS 526-73-8)  
1,2,4-Trimethylbenzene (CAS 95-63-6)  
Butan-1-ol (CAS 71-36-3)  
Naphthalene (CAS 91-20-3)

### US. Pennsylvania Worker and Community Right-to-Know Law

1,2,3-trimethylbenzene (CAS 526-73-8)  
1,2,4-Trimethylbenzene (CAS 95-63-6)

Butan-1-ol (CAS 71-36-3)  
Naphthalene (CAS 91-20-3)  
Octyl alcohol (CAS 111-87-5)  
Solvent naphtha (petroleum),heavy aromatic (CAS 64742-94-5)

#### US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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

1,4-DIOXANE (CAS 123-91-1)	Listed: January 1, 1988
Benzene (CAS 71-43-2)	Listed: February 27, 1987
Ethylene oxide (oxirane) (CAS 75-21-8)	Listed: July 1, 1987
Naphthalene (CAS 91-20-3)	Listed: April 19, 2002
Propylene oxide (CAS 75-56-9)	Listed: October 1, 1988

##### US - California Proposition 65 - CRT: Listed date/Developmental toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (oxirane) (CAS 75-21-8)	Listed: August 7, 2009
Toluene (CAS 108-88-3)	Listed: January 1, 1991

##### US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (oxirane) (CAS 75-21-8)	Listed: February 27, 1987
Toluene (CAS 108-88-3)	Listed: August 7, 2009

##### US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (oxirane) (CAS 75-21-8)	Listed: August 7, 2009

## 16. Other information, including date of preparation or last revision

**Issue date** Oct-08-2014

**Revision date** May-01-2015

**Version #** 3.0

**References:** No data available

**Disclaimer** The information in the sheet was written based on the best knowledge and experience currently available.

**Revision Information** This document has undergone significant changes and should be reviewed in its entirety.

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