

## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture  
Product name : MEAN GREEN  
Product code : MEA

### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial and Institutional Alkaline Detergent/Degreaser

### 1.3. Supplier

Sky Blue Industries, Inc.  
760 W. Exchange Road  
Ogden, Utah 84401 - USA  
T (800) 998-2808  
[www.skyblueindustries.com](http://www.skyblueindustries.com)

### 1.4. Emergency telephone number

Emergency number : Chemtrec 1-800-424-9300

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS US classification

Skin Corr. 1 Causes severe skin burns and eye damage

### 2.2. GHS Label elements, including precautionary statements

#### GHS US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : Causes severe skin burns and eye damage  
Precautionary statements (GHS-US) :  
Do not breathe dust, fume, gas, mist, spray, vapors  
Wash hands, forearms and face thoroughly after handling  
Wear eye protection, face protection, protective clothing, protective gloves  
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, a doctor  
Specific treatment (see ... on this label)  
Wash contaminated clothing before reuse  
Store locked up  
Dispose of contents/container to ...

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

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Name	Product identifier	%	GHS US classification
Ethanolamine	(CAS-No.) 141-43-5	1 – 3	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1, H314 Aquatic Acute 3, H402
Tetrasodium ethylenediaminetetraacetate	(CAS-No.) 64-02-8	1 – 3	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318
butyl glycolether	(CAS-No.) 111-76-2	1 – 3	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2B, H320
UNDECETH-5	(CAS-No.) 34398-01-1	1 – 3	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Sodium hydroxide	(CAS-No.) 1310-73-2	1 – 3	Met. Corr. 1, H290 Skin Corr. 1, H314 Aquatic Acute 3, H402

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician. Call a physician immediately.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician. Do not induce vomiting. Call a physician immediately.

#### 4.2. Most important symptoms and effects (acute and delayed)

- Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.
- Symptoms/injuries : Causes severe skin burns and eye damage.
- Symptoms/injuries after skin contact : Burns.
- Symptoms/injuries after eye contact : Serious damage to eyes.
- Symptoms/injuries after ingestion : Burns.

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment. See Section 12 for additional Ecological information.

#### 6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill.

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe fume/gas/mist/spray/vapours. Avoid contact during pregnancy/while nursing. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash hands and other exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong acids. Oxidizing agent.

Incompatible materials : Sources of ignition. Direct sunlight.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

<b>MEAN GREEN</b>	
No additional information available	
<b>Sodium hydroxide (1310-73-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Sodium hydroxide
ACGIH Ceiling (mg/m³)	2 mg/m³
Remark (ACGIH)	URT, eye, & skin irr
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Sodium hydroxide
OSHA PEL (TWA) (mg/m³)	2 mg/m³
<b>UNDECETH-5 (34398-01-1)</b>	
No additional information available	

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<b>butyl glycolether (111-76-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	2-Butoxyethanol (EGBE)
ACGIH TWA (ppm)	20 ppm
Remark (ACGIH)	Eye & URT irr
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	2-Butoxyethanol
OSHA PEL (TWA) (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	50 ppm
<b>Ethanolamine (141-43-5)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Ethanolamine
ACGIH TWA (ppm)	3 ppm
ACGIH STEL (ppm)	6 ppm
Remark (ACGIH)	Eye & skin irr
<b>USA - OSHA - Occupational Exposure Limits</b>	
Local name	Ethanolamine
OSHA PEL (TWA) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
OSHA PEL (TWA) (ppm)	3 ppm
<b>Tetrasodium ethylenediaminetetraacetate (64-02-8)</b>	
No additional information available	

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear protective gloves

#### Eye protection:

Chemical goggles or face shield. Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Wear appropriate mask

#### Personal protective equipment symbol(s):



#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Appearance : Clear, dark green liquid.

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Color	: Dark green
Odor	: Detergent
Odor threshold	: No data available
pH	: 11.6 – 11.9
pH solution	: 1 %
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 212 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.01 – 1.02
Specific gravity / density	: 8.48 lb/gal
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

VOC content	: 3.6 %
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Thermal decomposition generates : Corrosive vapors.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Oxidizing agent.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapors.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### UNDECETH-5 (34398-01-1)

LD50 oral rat	> 1400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

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<b>butyl glycoether (111-76-2)</b>	
LD50 oral rat	1746 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	435 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity; 435 mg/kg bodyweight; Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
LC50 inhalation rat (ppm)	450-486, Rat; Weight of evidence

<b>Ethanolamine (141-43-5)</b>	
LD50 oral rat	1515 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 7 day(s))
LD50 dermal rabbit	2504 – 2881 mg/kg body weight (Equivalent or similar to OECD 402, 24 week(s), Rabbit, Male / female, Experimental value, Dermal)

<b>Tetrasodium ethylenediaminetetraacetate (64-02-8)</b>	
LD50 oral rat	> 2000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (mg/l)	4.14 mg/l/4h Dust

Skin corrosion/irritation	: Causes severe skin burns. pH: 11.6 – 11.9
Serious eye damage/irritation	: Assumed to cause serious eye damage pH: 11.6 – 11.9
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries	: Causes severe skin burns and eye damage.
Symptoms/injuries after skin contact	: Burns.
Symptoms/injuries after eye contact	: Serious damage to eyes.
Symptoms/injuries after ingestion	: Burns.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Before neutralisation, the product may represent a danger to aquatic organisms.
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<b>Sodium hydroxide (1310-73-2)</b>	
LC50 fish 1	45.4 mg/l (96 h, Salmo gairdneri, Static system, Fresh water, Experimental value, Solution >=50%)
EC50 Daphnia 1	40.4 mg/l (48 h, Ceriodaphnia sp., Experimental value, Nominal concentration)

<b>UNDECETH-5 (34398-01-1)</b>	
LC50 fish 1	1 – 10 mg/l (96 hr.)
EC50 Daphnia 1	1 – 10 mg/l (48 hr.)
EC50 other aquatic organisms 1	1 – 10 mg/l (96 hr.)(Algae)

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<b>butyl glycolether (111-76-2)</b>	
LC50 fish 1	1474 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	1550 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)
ErC50 (algae)	911 mg/l (72 Hr.)
<b>Ethanolamine (141-43-5)</b>	
LC50 fish 1	349 mg/l (EU Method C.1, 96 h, Cyprinus carpio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	65 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
<b>Tetrasodium ethylenediaminetetraacetate (64-02-8)</b>	
LC50 fish 1	121 mg/l (96 h, Lepomis macrochirus, Literature study, Soft water)
EC50 Daphnia 1	625 mg/l (24 h, Daphnia magna, Literature study)

### 12.2. Persistence and degradability

<b>MEAN GREEN</b>	
Persistence and degradability	Not established.
<b>Sodium hydroxide (1310-73-2)</b>	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
<b>butyl glycolether (111-76-2)</b>	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.71 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2.2 g O <sub>2</sub> /g substance
ThOD	2.305 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.31
<b>Ethanolamine (141-43-5)</b>	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.8 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.34 g O <sub>2</sub> /g substance
ThOD	2.49 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.32
<b>Tetrasodium ethylenediaminetetraacetate (64-02-8)</b>	
Persistence and degradability	Not readily biodegradable in water.
Biochemical oxygen demand (BOD)	< 0.002 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	0.54 – 0.58 g O <sub>2</sub> /g substance

### 12.3. Bioaccumulative potential

<b>MEAN GREEN</b>	
Bioaccumulative potential	Not established.
<b>Sodium hydroxide (1310-73-2)</b>	
Bioaccumulative potential	Not bioaccumulative.
<b>butyl glycolether (111-76-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.81 (Experimental value; BASF test; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>Ethanolamine (141-43-5)</b>	
BCF other aquatic organisms 1	2.3 – 9.2 (BCFWIN, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	-2.3 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)

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### Ethanolamine (141-43-5)

Bioaccumulative potential	Not bioaccumulative.
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### Tetrasodium ethylenediaminetetraacetate (64-02-8)

Partition coefficient n-octanol/water (Log Pow)	-2.6
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Bioaccumulative potential	Not bioaccumulative.
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## 12.4. Mobility in soil

### Sodium hydroxide (1310-73-2)

Ecology - soil	No (test)data on mobility of the substance available.
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### butyl glycoether (111-76-2)

Surface tension	0.027 N/m (25 °C)
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Ecology - soil	Low potential for adsorption in soil.
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### Ethanolamine (141-43-5)

Surface tension	No data available in the literature
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Partition coefficient n-octanol/water (Log Koc)	1.16 (log Koc, Calculated value)
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Ecology - soil	Highly mobile in soil.
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## 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with local/state/federal regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN3266 Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide), 8, III

UN-No.(DOT) : UN3266

Proper Shipping Name (DOT) : Corrosive liquid, basic, inorganic, n.o.s.

Sodium hydroxide

Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136

Packing group (DOT) : III - Minor Danger

Hazard labels (DOT) : 8 - Corrosive



DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Symbols : G - Identifies PSN requiring a technical name



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DOT Special Provisions (49 CFR 172.102)	: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	: 40 - Stow "clear of living quarters", 52 - Stow "separated from" acids
Emergency Response Guide (ERG) Number	: 154
Other information	: No supplementary information available.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S

Acetaldehyde	CAS-No. 75-07-0	< 0.1%
Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.		
Methyl alcohol	CAS-No. 67-56-1	< 0.1%
Ethylene oxide	CAS-No. 75-21-8	< 0.1%
Acetaldehyde	CAS-No. 75-07-0	< 0.1%
ethylene glycol	CAS-No. 107-21-1	< 0.1%
Diethanolamine	CAS-No. 111-42-2	< 0.1%
<b>Sodium hydroxide (1310-73-2)</b>		
CERCLA RQ	1000 lb	
<b>Methyl alcohol (67-56-1)</b>		
Listed on EPA Hazardous Air Pollutant (HAPS)		
CERCLA RQ	5000 lb	
<b>UNDECETH-5 (34398-01-1)</b>		
EPA TSCA Regulatory Flag	N - N - indicates a polymeric substance containing no free-radical initiator in its Inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used. P - P - indicates a commenced PMN substance. XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	
<b>Ethylene oxide (75-21-8)</b>		
Listed on EPA Hazardous Air Pollutant (HAPS)		
CERCLA RQ	10 lb	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	10 lb	
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb	

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<b>Acetaldehyde (75-07-0)</b>	
Listed on EPA Hazardous Air Pollutant (HAPS)	
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
CERCLA RQ	1000 lb
<b>butyl glycolether (111-76-2)</b>	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard
<b>ethylene glycol (107-21-1)</b>	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	5000 lb
<b>Diethanolamine (111-42-2)</b>	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	100 lb
<b>Tetrasodium ethylenediaminetetraacetate (64-02-8)</b>	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

### 15.2. International regulations

<b>Ethylene oxide (75-21-8)</b>	
Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)	
<b>Acetaldehyde (75-07-0)</b>	
Listed as carcinogen on NTP (National Toxicology Program)	
<b>Diethanolamine (111-42-2)</b>	
Listed on IARC (International Agency for Research on Cancer)	

### 15.3. US State regulations

 **WARNING:** This product can expose you to Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Component	State or local regulations
Sodium hydroxide(1310-73-2)	U.S. - New Jersey - Right to Know Hazardous Substance List
Methyl alcohol(67-56-1)	U.S. - New Jersey - Right to Know Hazardous Substance List
butyl glycolether(111-76-2)	U.S. - New Jersey - Right to Know Hazardous Substance List
ethylene glycol(107-21-1)	U.S. - New Jersey - Right to Know Hazardous Substance List
Ethanolamine(141-43-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Diethanolamine(111-42-2)	U.S. - New Jersey - Right to Know Hazardous Substance List
Ethylene oxide(75-21-8)	U.S. - New Jersey - Right to Know Hazardous Substance List
Acetaldehyde(75-07-0)	U.S. - New Jersey - Right to Know Hazardous Substance List

## SECTION 16: Other information

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Revision date : 05/13/2020

Other information : None.

Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Liq. 4	Flammable liquids Category 4
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1	Skin corrosion/irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
H227	Combustible liquid
H290	May be corrosive to metals
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H402	Harmful to aquatic life

SDS US (GHS HazCom 2012)

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