

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version: 2.0

Date of issue: 04/05/2013 Revision date: 05/14/2020 Supersedes: 08/26/2014

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Product name : DEZOLVE IT CITRUS

Product code : DEZC

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial and Institutional Tar Remover

1.3. Supplier

Sky Blue Industries, Inc. 760 W. Exchange Road Ogden, Utah 84401 - USA T (800) 998-2808

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

Flam. Liq. 3 Flammable liquid and vapor Skin Irrit. 2 Causes skin irritation

Skin Sens. 1 May cause an allergic skin reaction

Aquatic Acute 1 Very toxic to aquatic life

Aquatic Chronic 1 Very toxic to aquatic life with long lasting effects

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS-US)







Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : Flammable liquid and vapor Causes skin irritation

May cause an allergic skin reaction

Very toxic to aquatic life

Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 Avoid breathing dust/fume/gas/mist/vapors/spray Wash hands, forearms and face thoroughly after handling

Contaminated work clothing must not be allowed out of the workplace

Avoid release to the environment

Wear protective gloves/protective clothing/eye protection/face protection

If on skin: Wash with plenty of water/...

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower

Specific treatment (see ... on this label)

If skin irritation occurs: Get medical advice/attention
If skin irritation or rash occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse

Wash contaminated clothing before reuse

In case of fire: Use media other than water to extinguish

05/14/2020 EN (English US) Page 1

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Collect spillage

Store in a well-ventilated place. Keep cool 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

Name	Product identifier	%	GHS US classification
CVS		50 – 70	Flam. Liq. 4, H227 Asp. Tox. 1, H304
d-Limonene	(CAS-No.) 5989-27-5	35 – 50	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
butyl glycolether	(CAS-No.) 111-76-2	1 – 5	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 – 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319

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

SECTION 4: First-aid measures

4.4	Daniel and a Atl		Contrat and a second	
4.1.	Description	on ot tirst	t aid meas	sures

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 poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation

: Remove person to fresh air and keep comfortable for breathing. Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion

: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.

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. Harmful in contact with skin.

Symptoms/injuries after inhalation

: May cause an allergic skin reaction.

Symptoms/injuries after skin contact

: Causes skin irritation. Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Irritation. May cause an allergic skin reaction.

Symptoms/injuries after eye contact

: Causes eye irritation. Mild eye irritation.

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. All extinguishing media allowed. Adapt extinguishing media to the environment.

05/14/2020 EN (English US) 2/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor.

Explosion hazard : May form flammable/explosive vapor-air mixture.

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

fire

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No

smoking.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Keep upwind. No open flames, no

sparks, and no smoking. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Use personal protective equipment (PPE).

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. Prevent entry to sewers and public waters. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Collect spillage.

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. Notify authorities if product enters sewers or public waters. Scoop absorbed substance into

closing containers.

Other information : Dispose of contents/container to {0|message=<specify in accordance with

local/regional/national/international regulations>|default=...|filter=(_)?DISPOSAL_.+}. 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 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.

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. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid breathing fume/gas/mist/spray/vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not handle until

all safety precautions have been read and understood. Clean contaminated clothing.

Hygiene measures : Wash hands and other exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

05/14/2020 EN (English US) 3/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond

container and receiving equipment. Use explosion-proof electrical/lighting/ventilatitng

equipment.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight,

Heat sources, Combustible materials. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store in a well-ventilated place. Keep cool. Keep container closed when not

in use

Incompatible products : Strong oxidizing agents.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DEZOLVE IT CITRUS			
No additional information available			
cvs			
No additional information available			
d-Limonene (5989-27-5)			
No additional information available			
butyl glycolether (111-76-2)			
USA - ACGIH - Occupational Exposure Limits			
Local name 2-Butoxyethanol (EGBE)			
ACGIH TWA (ppm) 20 ppm			
Remark (ACGIH) Eye & URT irr			
USA - OSHA - Occupational Exposure Limits			
Local name	2-Butoxyethanol		
OSHA PEL (TWA) (mg/m³) 240 mg/m³			
OSHA PEL (TWA) (ppm) 50 ppm			
UNDECETH-5 (34398-01-1)			
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 safety glasses. Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Personal protective equipment symbol(s):

05/14/2020 EN (English US) 4/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations



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
Color : Yellow
Odor : Citrus

Odor threshold : No data available pH : No data available Melting point : Not applicable Freezing point : No data available Boiling point : 175 – 230 °C Flash point : > 45 °C

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : Flammable liquid and vapor.

Vapor pressure : No data available Relative vapor density at 20 °C : No data available

Relative density : 0.85
Specific gravity / density : 7.06 lb/gal

: Dispersible in water. Solubility Partition coefficient n-octanol/water (Log Pow) : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available : No data available Viscosity, kinematic : No data available Viscosity, dynamic **Explosion limits** : No data available Explosive properties No data available : No data available Oxidizing properties

9.2. Other information

VOC content : 39.6 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions. Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks. Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases. Fume.

05/14/2020 EN (English US) 5/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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

CVS	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	2000 – 4000 mg/kg
LC50 inhalation rat (mg/l)	> 6.8 mg/l/4h
d-Limonene (5989-27-5)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral)
LD50 dermal rabbit	> 5000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal)
butyl glycolether (111-76-2)	
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
UNDECETH-5 (34398-01-1)	
0140202111-0 (04030-01-1)	

: Causes skin irritation. Skin corrosion/irritation

Serious eye damage/irritation Not classified

Respiratory or skin sensitization : May cause an allergic skin reaction.

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

LD50 dermal rabbit

: Not classified

> 2000 mg/kg

: Not classified Aspiration hazard Viscosity, kinematic : No data available

Potential Adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met. Harmful in contact with skin.

Symptoms/injuries after inhalation : May cause an allergic skin reaction.

Symptoms/injuries after skin contact

: Causes skin irritation. Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Irritation. May cause an allergic

skin reaction.

Symptoms/injuries after eye contact : Causes eye irritation. Mild eye irritation.

SECTION 12: Ecological information

12 1	Toxicity

Ecology - general	: Toxic to aquatic life with long lasting effects. Toxic to aquatic life. Very toxic to aquatic life with	า
	long lasting effects.	

Ecology - water : Very toxic to aquatic life with long lasting effects. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

05/14/2020 EN (English US) 6/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

d-Limonene (5989-27-5)	
LC50 fish 1	720 μg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	0.307 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semistatic system, Fresh water, Experimental value, GLP)
ErC50 (algae)	0.32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
butyl glycolether (111-76-2)	
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.)
UNDECETH-5 (34398-01-1)	
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)

12.2. Persistence and degradability

DEZOLVE IT CITRUS		
Persistence and degradability	May cause long-term adverse effects in the environment.	
cvs		
Persistence and degradability	Readily biodegradeable.	
d-Limonene (5989-27-5)		
Persistence and degradability	Readily biodegradable in water.	
ThOD	3.29 g O₂/g substance	
butyl glycolether (111-76-2)		
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air.	
Biochemical oxygen demand (BOD)	0.71 g O₂/g substance	
Chemical oxygen demand (COD)	2.2 g O₂/g substance	
ThOD	2.305 g O₂/g substance	
BOD (% of ThOD)	0.31	

12.3. Bioaccumulative potential

DEZOLVE IT CITRUS			
Bioaccumulative potential	Not established.		
d-Limonene (5989-27-5)			
BCF fish 1	864.8 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)		
Partition coefficient n-octanol/water (Log Pow)	4.38 (Experimental value, Equivalent or similar to OECD 117, 37 °C)		
Bioaccumulative potential	Not established.		
butyl glycolether (111-76-2)			
Partition coefficient n-octanol/water (Log Pow)	ter (Log Pow) 0.81 (Experimental value; BASF test; 25 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		

12.4. Mobility in soil

d-Limonene (5989-27-5)		
Ecology - soil Low potential for mobility in soil.		
butyl glycolether (111-76-2)		
Surface tension 0.027 N/m (25 °C)		
Ecology - soil	Low potential for adsorption in soil.	

12.5. Other adverse effects

05/14/2020 EN (English US) 7/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

Disposal methods 13.1.

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.

: Handle empty containers with care because residual vapors are flammable. Flammable vapors Additional information

may accumulate in the container.

: Avoid release to the environment. Ecology - waste materials

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN2319 Terpene hydrocarbons, n.o.s. (d-Limonene), 3, III

UN-No.(DOT) : UN2319

Proper Shipping Name (DOT) : Terpene hydrocarbons, n.o.s.

d-Limonene

Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Packing group (DOT) : III - Minor Danger Hazard labels (DOT) : 3 - Flammable liquid



Dangerous for the environment : Yes Marine pollutant : Yes



· 242

DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Special Provisions (49 CFR 172.102)

: B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.

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).

T4 - 2.65 178.274(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. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, 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)

DOT Quantity Limitations Passenger aircraft/rail : 60 L

(49 CFR 173.27)

: 150

DOT Quantity Limitations Cargo aircraft only (49 : 220 L

CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel

05/14/2020 EN (English US) 8/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Other information

: No supplementary information available.

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

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

Contains chemical(s) subject to 100A 125 expor	t notineation ii pro-	· ·	
Acetaldehyde		CAS-No. 75-07-0	< 0.1%
Chemical(s) subject to the reporting requirement 1986 and 40 CFR Part 372.	s of Section 313 o	r Title III of the Superfund A	mendments and Reauthorization Act (SARA) of
ethylene glycol		CAS-No. 107-21-1	< 0.1%
Ethylene oxide		CAS-No. 75-21-8	< 0.1%
Acetaldehyde		CAS-No. 75-07-0	< 0.1%
cvs			
SARA Section 311/312 Hazard Classes	Fire hazard		
butyl glycolether (111-76-2)			
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard Delayed (chronic) health hazard		
ethylene glycol (107-21-1)			
Listed on EPA Hazardous Air Pollutant (HAPS)			
CERCLA RQ	5000 lb		
UNDECETH-5 (34398-01-1)			
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		
Ethylene oxide (75-21-8)			
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		
Acetaldehyde (75-07-0)			
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		

15.2. International regulations

05/14/2020 EN (English US) 9/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Ethylene oxide (75-21-8)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

Acetaldehyde (75-07-0)

Listed as carcinogen on NTP (National Toxicology Program)

15.3. US State regulations



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.

Component	State or local regulations
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
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

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 05/14/2020 Other information : None.

05/14/2020 EN (English US) 10/11

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Asp. Tox. 1	Aspiration hazard Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

SDS US (GHS HazCom 2012)

The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

05/14/2020 EN (English US) 11/11