

## SAFETY DATA SHEET

## Viking 3% XMAX

**SECTION 1: Identification**

## Product identifier

## Trade name

Viking 3% XMAX

## Product no.

V-LSXMAX3/XX F 23508-XX

## Relevant identified uses of the substance or mixture and uses advised against

## Relevant identified uses of the substance or mixture

Appliance protection

## Uses advised against

No special

## Details of the supplier of the safety data sheet

## Company and address

**The Viking Corporation**

210 N Industrial Park Drive

MI 49058 Hastings

United States of America

+1 269 945 9501

+1 269 818 1680

## Contact person

CHR

## E-mail

techsvcs@vikingcorp.com

## SDS date

4/19/2022

## SDS Version

1.0

## Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL®

(triage.webpoisoncontrol.org) to get specific guidance for your case

See also section 4 "First aid measures".

## SECTION 2: Hazard(s) identification

### OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Eye Dam. 1; H318, Causes serious eye damage.

### Label elements

#### Hazard pictogram(s)



#### Signal word

Danger

#### Hazard statement(s)

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

#### Safety statement(s)

##### General

-

##### Prevention

Wear eye protection/protective gloves/protective clothing. (P280)

Wash hands and exposed skin thoroughly after handling. (P264)

##### Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

##### Storage

-

##### Disposal

-

### Other hazards

#### Additional labelling

Not applicable

#### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### SECTION 3: Composition/Information on Ingredients

#### Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sodium decyl sulphate	CAS No.: 142-87-0	10-15%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 20.00 %)	
2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve	CAS No.: 111-76-2	10-15%	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3	10-15%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	
Dodecan-1-ol	CAS No.: 112-53-8	1-3%	Eye Irrit. 2, H319	
Tetradecanol	CAS No.: 112-72-1	<1%	Eye Irrit. 2, H319	

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

No special

### SECTION 4: First-aid measures

#### Description of first aid measures

##### General information

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

#### Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

#### Most important symptoms and effects, both acute and delayed

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

#### Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Fire-fighting measures

#### Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides.

Carbon oxides (CO / CO<sub>2</sub>).

Some metal oxides.

#### Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

### Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

### Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### Recommended storage material

Always store in containers of the same material as the original container.

### Storage temperature

Dry, cool and well ventilated (< 55 °C)

### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### Control parameters

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2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve

Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 240

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Long term exposure limit (OSHA Table Z-1) (ppm): 50

Long term exposure limit (ACGIH TLV) (ppm): 20

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

### Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

#### Exposure scenarios

There are no exposure scenarios implemented for this product.

#### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

#### Hygiene measures

Take off contaminated clothing and wash it before reuse.

#### Measures to avoid environmental exposure

No specific requirements

### Individual protection measures, such as personal protective equipment

#### Generally

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

#### Respiratory Equipment

No specific requirements

#### Skin protection

Work situation	Recommended	Type/Category	Standards
	Dedicated work clothing should be worn.	-	-




#### Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
	Vinyl/PVC	0.6	-	-



#### Eye protection

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Work situation	Type	Standards	
	Wear safety glasses with side shields.	EN166	

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

#### Physical state

Liquid

#### Colour

Pale yellow

#### Odour

Characteristic

#### Odour threshold (ppm)

Testing not relevant or not possible due to nature of the product.

#### pH

7,4-8,4

#### Density (g/cm<sup>3</sup>)

~ 1.02

#### Viscosity

Testing not relevant or not possible due to nature of the product.

### Phase changes

#### Melting point (°F)

-

#### Melting point (°C)

1,67

#### Boiling point (°F)

Testing not relevant or not possible due to nature of the product.

#### Vapour pressure

Testing not relevant or not possible due to nature of the product.

#### Vapour density

Testing not relevant or not possible due to nature of the product.

#### Decomposition temperature (°F)

Testing not relevant or not possible due to nature of the product.

### Data on fire and explosion hazards

#### Flash point (°F)

Testing not relevant or not possible due to nature of the product.

#### Ignition (°F)

Testing not relevant or not possible due to nature of the product.

**Auto flammability (°F)**

Testing not relevant or not possible due to nature of the product.

**Explosion limits (% v/v)**

Testing not relevant or not possible due to nature of the product.

**Solubility**

**Solubility in water**

Soluble

**n-octanol/water coefficient**

Testing not relevant or not possible due to nature of the product.

**Other information**

**Solubility in fat (g/L)**

Testing not relevant or not possible due to nature of the product.

**SECTION 10: Stability and reactivity**

**Reactivity**

No data available

**Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**Possibility of hazardous reactions**

No special

**Conditions to avoid**

No special

**Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

<b>Product/substance</b>	Sodium decyl sulphate
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Oral
<b>Test</b>	LD50



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

<b>Result</b>	1200.00 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Sodium decyl sulphate
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Dermal
<b>Test</b>	LD50
<b>Result</b>	2000.00 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Oral
<b>Test</b>	LD50
<b>Result</b>	2000.00 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Inhalation
<b>Test</b>	LD50
<b>Result</b>	2.20 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Dermal
<b>Test</b>	LD50

<b>Result</b>	2000.00 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Oral
<b>Test</b>	LD50
<b>Result</b>	4100 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	
<b>Test</b>	
<b>Result</b>	>225 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Species</b>	Mouse
<b>Route of exposure</b>	Dermal
<b>Test</b>	
<b>Result</b>	68 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Dodecan-1-ol
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Oral
<b>Test</b>	LD50

<b>Result</b>	5000.00 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Dodecan-1-ol
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Dermal
<b>Test</b>	LD50
<b>Result</b>	2000 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Tetradecanol
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Oral
<b>Test</b>	LD50
<b>Result</b>	5000.00 mg/kg
<b>Other information</b>	
<b>Product/substance</b>	Tetradecanol
<b>Test method</b>	
<b>Species</b>	Rat
<b>Route of exposure</b>	Dermal
<b>Test</b>	LD50
<b>Result</b>	2000.00 mg/kg
<b>Other information</b>	

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory sensitisation**

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**Other information**

2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve has been classified by IARC as a group 3 carcinogen.

**SECTION 12: Ecological information**

**Toxicity**

<b>Product/substance</b>	Sodium decyl sulphate
<b>Test method</b>	
<b>Species</b>	Fish
<b>Compartment</b>	
<b>Duration</b>	48 hours
<b>Test</b>	LC50
<b>Result</b>	13.00 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Sodium decyl sulphate
<b>Test method</b>	
<b>Species</b>	Algae

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

<b>Compartment</b>	
<b>Duration</b>	72 hours
<b>Test</b>	EC50
<b>Result</b>	8.64 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Sodium decyl sulphate
<b>Test method</b>	
<b>Species</b>	Daphnia
<b>Compartment</b>	
<b>Duration</b>	24 hours
<b>Test</b>	EC50
<b>Result</b>	>100 mg/L
<b>Other information</b>	
<b>Product/substance</b>	2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve
<b>Test method</b>	
<b>Species</b>	Fish
<b>Compartment</b>	
<b>Duration</b>	96 hours
<b>Test</b>	LC50
<b>Result</b>	1474.00 mg/L
<b>Other information</b>	
<b>Product/substance</b>	2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve
<b>Test method</b>	
<b>Species</b>	Algae
<b>Compartment</b>	
<b>Duration</b>	72 hours
<b>Test</b>	EC50
<b>Result</b>	1840.00 mg/L

<b>Other information</b>	
<b>Product/substance</b>	2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve
<b>Test method</b>	
<b>Species</b>	Daphnia
<b>Compartment</b>	
<b>Duration</b>	48 hours
<b>Test</b>	EC50
<b>Result</b>	1550.00 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Species</b>	Fish
<b>Compartment</b>	
<b>Duration</b>	96 hours
<b>Test</b>	LC50
<b>Result</b>	7.1 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Species</b>	Algae
<b>Compartment</b>	
<b>Duration</b>	72 hours
<b>Test</b>	EC50
<b>Result</b>	7.5 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Species</b>	Daphnia

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

<b>Compartment</b>	
<b>Duration</b>	48 hours
<b>Test</b>	EC50
<b>Result</b>	7.2 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Dodecan-1-ol
<b>Test method</b>	
<b>Species</b>	Fish
<b>Compartment</b>	
<b>Duration</b>	96 hours
<b>Test</b>	LC50
<b>Result</b>	1.01 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Dodecan-1-ol
<b>Test method</b>	
<b>Species</b>	Daphnia
<b>Compartment</b>	
<b>Duration</b>	48 hours
<b>Test</b>	EC50
<b>Result</b>	0.765 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Dodecan-1-ol
<b>Test method</b>	
<b>Species</b>	Algae
<b>Compartment</b>	
<b>Duration</b>	96 hours
<b>Test</b>	EC50
<b>Result</b>	0.66 mg/L

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

<b>Other information</b>	
<b>Product/substance</b>	Tetradecanol
<b>Test method</b>	
<b>Species</b>	Daphnia
<b>Compartment</b>	
<b>Duration</b>	48 hours
<b>Test</b>	EC50
<b>Result</b>	3.20 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Tetradecanol
<b>Test method</b>	
<b>Species</b>	Algae
<b>Compartment</b>	
<b>Duration</b>	96 hours
<b>Test</b>	EC50
<b>Result</b>	10.00 mg/L
<b>Other information</b>	
<b>Product/substance</b>	Tetradecanol
<b>Test method</b>	
<b>Species</b>	Fish
<b>Compartment</b>	
<b>Duration</b>	96 hours
<b>Test</b>	LC50
<b>Result</b>	1.00 mg/L
<b>Other information</b>	

Persistence and degradability

<b>Product/substance</b>	Sodium decyl sulphate
<b>Biodegradable</b>	Yes



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

<b>Test method</b>	OECD 301 D
<b>Result</b>	80 %
<b>Product/substance</b>	2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve
<b>Biodegradable</b>	Yes
<b>Test method</b>	OECD 301 B
<b>Result</b>	90%
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Biodegradable</b>	Yes
<b>Test method</b>	OECD 301 B
<b>Result</b>	100 %
<b>Product/substance</b>	Dodecan-1-ol
<b>Biodegradable</b>	Yes
<b>Test method</b>	OECD 301 C
<b>Result</b>	79 %
<b>Product/substance</b>	Tetradecanol
<b>Biodegradable</b>	Yes
<b>Test method</b>	OECD 301 B
<b>Result</b>	82.2 %

#### Bioaccumulative potential

<b>Product/substance</b>	Sodium decyl sulphate
<b>Test method</b>	
<b>Potential bioaccumulation</b>	No data available
<b>LogPow</b>	1,72
<b>BCF</b>	No data available
<b>Other information</b>	
<b>Product/substance</b>	2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve
<b>Test method</b>	

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

<b>Potential bioaccumulation</b>	No
<b>LogPow</b>	No data available
<b>BCF</b>	No data available
<b>Other information</b>	
<b>Product/substance</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
<b>Test method</b>	
<b>Potential bioaccumulation</b>	No
<b>LogPow</b>	No data available
<b>BCF</b>	No data available
<b>Other information</b>	
<b>Product/substance</b>	Dodecan-1-ol
<b>Test method</b>	
<b>Potential bioaccumulation</b>	No
<b>LogPow</b>	5,6
<b>BCF</b>	177.83
<b>Other information</b>	

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**Other adverse effects**

No special

**SECTION 13: Disposal considerations**

**RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)**

None of the components are listed

**Specific labelling**

Not applicable

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
DOT -	-	-	-	-	-
IMDG -	-	-	-	-	-
IATA -	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

### Additional information

Not dangerous goods according to DOT, IATA and IMDG.

### Special precautions for user

Not applicable

### Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### U.S. Federal regulations

##### TSCA

Sodium decyl sulphate is listed in the non-confidential portion

2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve is listed in the non-confidential portion

Alcohols, C12-14, ethoxylated, sulfates, sodium salts is listed in the non-confidential portion

Dodecan-1-ol is listed in the non-confidential portion

Tetradecanol is listed in the non-confidential portion

##### Clean Air Act

None of the components are listed

##### EPCRA Section 302

None of the components are listed

##### EPCRA Section 304

None of the components are listed

##### EPCRA section 313

None of the components are listed

##### CERCLA

None of the components are listed

### State regulations

**California / Prop. 65**

None of the components are listed

**Massachusetts / Right To Know Act**

None of the components are listed

**New Jersey / Right To Know Act**

2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve / Substance number: 0275

2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve is on the Special Health Hazard Substance List

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**New York / Right To Know Act**

None of the components are listed

**Pennsylvania / Right To Know Act**

2-butoxyethanol;ethylene glycol monobutyl ether;butyl cellosolve is listed

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**Restrictions for application**

Restricted to professional users.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

**Demands for specific education**

No specific requirements

**Additional information**

Not applicable

**Chemical safety assessment**

Yes

**Sources**

OSHA Hazard Communication Standard (29 CFR 1910.1200)

**SECTION 16: Other information****Full text of H-phrases as mentioned in section 3**

H302, Harmful if swallowed.

H312, Harmful in contact with skin.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

**The full text of identified uses as mentioned in section 1**

No special

**Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CERCLA = Comprehensive Environmental Response Compensation and Liability Act  
EINECS = European Inventory of Existing Commercial chemical Substances  
EPCRA = Emergency Planning and Community Right-To-Know Act  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
HCIS = Hazardous Chemical Information System  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

#### The safety data sheet is validated by

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#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a

blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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