

1. Identification

Product identifier

Trade name: 635L16 - Spray Lacquer, dark brown

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

General use: Varnish.
For commercial user only.

Details of the supplier of the safety data sheet

Company name: Otto Bock Health Care
Street/POB-No.: 3820 W. Great Lakes Drive
Zip code, city: Salt Lake City, UT 84120
USA
WWW: www.ottobockus.com
Telephone: +1 (801) 956-2400
Telefax: +1 (801) 956-2401
Department responsible for information:
Quality Department,
Telephone: +1 (801) 954-2304 (7 AM – 3 PM, Mountain Time),
Email: USRegulatory@ottobock.com

Additional information: Corporate headquarters:
Ottobock SE & Co. KGaA
Max-Näder-Straße 15
Duderstadt
Germany

Emergency telephone number

CHEMTREC, Telephone: +1 (800) 424-9300

Transport:

CONSULTANK Lutz Harder GmbH (Contract QUALI003)

Telephone: +49 (0)178-4337434 (from USA: 01149 178 4337434)

2. Hazard identification

Classification of the substance or mixture

Flammable Aerosol - Category 1

Compressed Gas

Eye Irritation - Category 2A

Specific Target Organ Toxicity (Single Exposure) -
Category 3

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Label elements

Symbols:



Signal word:

Danger

Hazard statements:

- Extremely flammable aerosol.
- Contains gas under pressure; may explode if heated.
- Causes serious eye irritation.
- May cause drowsiness or dizziness.

Precautionary statements:

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Avoid breathing spray.
- Wear protective gloves/protective clothing/eye protection.
- Call a POISON CENTER/doctor if you feel unwell.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Other hazards

- Potentially explosive mixtures may form if adequate ventilation is not provided.
- Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
- Higher doses may lead to a narcotic effect.
- The product is skin resorptive.
- Endocrine disrupting properties:
- Butanone, CAS 78-93-3: List II

3. Composition/information on ingredients

Mixtures

Chemical characterization: Blend of active ingredients with propellant.

Relevant ingredients:

CAS No.	Designation	Concentration	Classification
CAS 67-64-1	Acetone	25 - 50 %	Flammable Liquid - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 9004-70-0	Nitrocellulose	2.5 - 5 %	Explosive - Category 1.1.
CAS 123-86-4	n-Butyl acetate	2.5 - 5 %	Flammable Liquid - Category 3. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 108-65-6	2-Methoxy-1-methylethyl acetate	2.5 - 5 %	Flammable Liquid - Category 3. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 1330-20-7	Xylene (isomeric mixture)	2.5 - 5 %	Flammable Liquid - Category 3. Acute Toxicity - dermal - Category 4. Acute Toxicity - inhalative - Category 4. Skin Irritation - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3. Specific Target Organ Toxicity (Repeated Exposure) - Category 2. Aspiration Toxicity - Category 1. Aquatic toxicity - chronic - Category 3.
CAS 64-17-5	Ethanol	2.5 - 5 %	Flammable Liquid - Category 2. Eye Irritation - Category 2A.
CAS 78-93-3	Butanone	1 - 2.5 %	Flammable Liquid - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 100-41-4	Ethylbenzene	< 1 %	Flammable Liquid - Category 2. Acute Toxicity - inhalative - Category 4. Specific Target Organ Toxicity (Repeated Exposure) - Category 2. Aspiration Toxicity - Category 1.
CAS 7397-62-8	Glycollic acid butyl ester	< 1 %	Eye Damage - Category 1. Reproductive toxicant - Category 2.
CAS 71-36-3	Butan-1-ol	< 1 %	Flammable Liquid - Category 3. Acute Toxicity - oral - Category 4. Skin Irritation - Category 2. Eye Damage - Category 1. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 74-98-6	Propane	10 - 25 %	Flammable Gas - Category 1. Compressed Gas.
CAS 106-97-8	Butane, <0,1% Butadiene	5 - 10 %	Flammable Gas - Category 1. Compressed Gas.
CAS 75-28-5	i-Butane, <0,1% Butadiene	5 - 10 %	Flammable Gas - Category 1A. Compressed Gas.

The actual concentration or concentration range is withheld as a trade secret.

Additional information: Contains Titanium dioxide and Bentonite: The maximum workplace exposure limits are, where necessary, listed in section 8.

4. First aid measures

General information:	If medical advice is needed, have product container or label at hand. Take off contaminated clothing and wash it before reuse.
In case of inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.
After swallowing:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical attention.

Most important symptoms/effects, acute and delayed

May cause drowsiness or dizziness.
Causes serious eye irritation.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.

Information to physician

Treat symptomatically.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Extinguishing powder, alcohol resistant foam, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

Specific hazards arising from the chemical

Extremely flammable aerosol. Pressurised container: May burst if heated.
May form dangerous gases and vapors in case of fire.
Furthermore, there may develop: nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Heating will lead to pressure increase: danger of bursting and explosion. Use fine water spray to cool endangered containers.
Move undamaged containers from immediate hazard area if it can be done safely.
In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Do not allow fire water to penetrate into surface or ground water.
Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Do not breathe vapors and spray. Avoid contact with the substance.
Eliminate all ignition sources if safe to do so. Provide adequate ventilation.
Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.
Cordon off downwind area at risk and warn inhabitants.

Environmental precautions:

Do not allow to enter into ground-water, surface water or drains. Danger of explosion!
In case of release, notify competent authorities.

Methods and material for containment and cleaning up

Methods for clean-up: Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).
Thoroughly clean surrounding area.
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

7. Handling and storage

Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe vapors and spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.
Guarantee sufficient ventilation during and after use, in order to prevent vapor accumulation.
Have eye wash bottle or eye rinse ready at work place. When handling large quantities, supply emergency spray.

Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.
Keep container dry. Keep only in the original container.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store containers in upright position.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
67-64-1	Acetone	USA: ACGIH: STEL	500 ppm
		USA: ACGIH: TWA	250 ppm
		USA: IDLH: TWA	2,500 ppm
		USA: NIOSH: TWA	590 mg/m ³ ; 250 ppm
		USA: OSHA: TWA	2,400 mg/m ³ ; 1,000 ppm
123-86-4	n-Butyl acetate	USA: ACGIH: STEL	150 ppm
		USA: ACGIH: TWA	50 ppm
		USA: IDLH: TWA	1,700 ppm
		USA: NIOSH: STEL	950 mg/m ³ ; 200 ppm
		USA: NIOSH: TWA	710 mg/m ³ ; 150 ppm
1330-20-7	Xylene (isomeric mixture)	USA: OSHA: TWA	710 mg/m ³ ; 150 ppm
		USA: ACGIH: TWA	20 ppm
		USA: IDLH: TWA	900 ppm
		USA: NIOSH: STEL	655 mg/m ³ ; 150 ppm
		USA: NIOSH: TWA	435 mg/m ³ ; 100 ppm
64-17-5	Ethanol	USA: OSHA: TWA	435 mg/m ³ ; 100 ppm
		USA: ACGIH: STEL	1,000 ppm
		USA: IDLH: TWA	3,300 ppm [10% LEL]
		USA: NIOSH: TWA	1,900 mg/m ³ ; 1,000 ppm
		USA: OSHA: TWA	1,900 mg/m ³ ; 1,000 ppm
78-93-3	Butanone	USA: ACGIH: STEL	150 ppm
			(may be absorbed through the skin)
		USA: ACGIH: TWA	75 ppm
			(may be absorbed through the skin)
		USA: IDLH: TWA	3,000 ppm
100-41-4	Ethylbenzene	USA: NIOSH: STEL	885 mg/m ³ ; 300 ppm
		USA: NIOSH: TWA	590 mg/m ³ ; 200 ppm
		USA: OSHA: TWA	590 mg/m ³ ; 200 ppm
		USA: ACGIH: TWA	87 mg/m ³ ; 20 ppm
		USA: IDLH: TWA	800 ppm [10% LEL]
71-36-3	Butan-1-ol	USA: NIOSH: STEL	545 mg/m ³ ; 125 ppm
		USA: NIOSH: TWA	435 mg/m ³ ; 100 ppm
		USA: OSHA: TWA	435 mg/m ³ ; 100 ppm
		USA: ACGIH: TWA	61 mg/m ³ ; 20 ppm
		USA: IDLH: TWA	1,400 ppm
74-98-6	Propane	USA: NIOSH: Ceiling	150 mg/m ³ ; 50 ppm
			(may be absorbed through the skin)
		USA: OSHA: TWA	300 mg/m ³ ; 100 ppm
		USA: IDLH: TWA	2,100 ppm [10% LEL]
		USA: NIOSH: TWA	1,800 mg/m ³ ; 1,000 ppm
		USA: OSHA: TWA	1,800 mg/m ³ ; 1,000 ppm

CAS No.	Designation	Type	Limit value
106-97-8	Butane, <0,1% Butadiene	USA: ACGIH: TWA	1,000 ppm
		USA: IDLH: TWA	1,600 ppm [>10% LEL]
		USA: NIOSH: TWA	1,900 mg/m ³ ; 800 ppm
75-28-5	i-Butane, <0,1% Butadiene	USA: ACGIH: TWA	1,000 ppm
		USA: NIOSH: TWA	1,900 mg/m ³ ; 800 ppm
13463-67-7	Titanium dioxide	USA: ACGIH: TWA	0.2 mg/m ³ (nanoparticle, respirable fraction)
		USA: ACGIH: TWA	2.5 mg/m ³ (fine dust, respirable fraction)
		USA: IDLH: TWA	5,000 mg/m ³
		USA: OSHA: TWA	15 mg/m ³ (total dust)

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
67-64-1	Acetone	USA: ACGIH-BEI, urine	25 mg/L	acetone	end of exposure or end of shift
1330-20-7	Xylene (isomeric mixture)	USA: ACGIH-BEI, urine	0.3 g/g creatinine	Methylhippuric acids in ur	end of exposure or end of shift
78-93-3	Butanone	USA: ACGIH-BEI, urine	2 mg/L	MEK	end of exposure or end of shift
100-41-4	Ethylbenzene	USA: ACGIH-BEI, urine	150 mg/g creatinine	Sum of mandelic acid and phenylglyoxylic acid in urine	end of exposure or end of shift

Appropriate engineering controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment (PPE)

Respiratory protection:	Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. Recommendation: wear a half mask respirator with type A1/P2 filter or better. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
Hand protection:	Protective gloves according to OSHA Standard - 29 CFR: 1910.138. Glove material: Butyl caoutchouc (butyl rubber) (0.7 mm) Permanent contact: 15 min Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.
Body protection:	Flame retardant, antistatic and chemical resistant protective clothing.

General hygiene considerations:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.

Do not breathe vapors and spray. Do not get in eyes, on skin, or on clothing. When using do not eat or drink. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

Have eye wash bottle or eye rinse ready at work place. When handling large quantities, supply emergency spray.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 68 °F and 101.3 kPa	liquid
Color:	Form: Aerosol brown
Odor:	Characteristic
Odor threshold:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flammability:	Extremely flammable aerosol.
Explosion limits:	LEL (Lower Explosion Limit): 1.70 Vol-% UEL (Upper Explosive Limit): 13.00 Vol-%
Flash point/flash point range:	-47.2 °F
Evaporation rate:	Not applicable
Auto-ignition temperature:	Not self-igniting
Decomposition temperature:	Not determined
pH:	Not determined
Dynamic viscosity:	Not determined
Viscosity, kinematic:	Not determined
Water solubility:	Slightly miscible
Partition coefficient: n-octanol/water:	Not determined
Vapor pressure:	at 68 °F: 3,600 hPa at 122 °F: 800 hPa
Density:	0.833 g/mL
Vapor density:	Not determined
Particle characteristics:	Not applicable

Additional information

Explosive properties:	Vapors may form explosive mixtures with air.
Ignition temperature:	689 °F (Butane)
Solvent content:	85.6 % (liquid and propellant)
Solid content:	12.0 %
Water content:	0.1 %

10. Stability and reactivity

Reactivity:	Extremely flammable aerosol Vapors may form explosive mixtures with air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Contains gas under pressure; may explode if heated.
Conditions to avoid:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Incompatible materials:	No data available
Hazardous decomposition products:	No decomposition when used properly.

11. Toxicological information

Information on toxicological effects

Acute toxicity:	LC50 Rat: 536 - 1,072 mg/l/4h (inhalative)
Toxicological effects:	<p>The statements are derived from the properties of the single components. No toxicological data is available for the product as such.</p> <p>Acute toxicity (oral): Based on available data, the classification criteria are not met.</p> <p>Acute toxicity (dermal): Based on available data, the classification criteria are not met.</p> <p>Acute toxicity (inhalative): Based on available data, the classification criteria are not met.</p> <p>Skin corrosion/irritation: Based on available data, the classification criteria are not met. Repeated exposure may cause skin dryness or cracking.</p> <p>Serious eye damage/irritation: Eye Irritation - Category 2A = Causes serious eye irritation.</p> <p>Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.</p> <p>Skin sensitisation: Based on available data, the classification criteria are not met.</p> <p>Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.</p> <p>Carcinogenicity: Based on available data, the classification criteria are not met.</p> <p>Reproductive toxicity: Based on available data, the classification criteria are not met.</p> <p>Effects on or via lactation: Lack of data.</p> <p>Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause drowsiness or dizziness.</p> <p>Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.</p> <p>Aspiration hazard: Based on available data, the classification criteria are not met.</p>

Other information: Chronic toxicity carcinogenic effect:
Information about Xylene (isomeric mixture):
IARC Rating: Group 3
OSHA Carcinogen: not listed
NTP Rating: not listed
Information about Titanium dioxide:
IARC Rating: Group 2B
OSHA Carcinogen: not listed
NTP Rating: not listed

Symptoms

Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.
After contact with skin: Repeated exposure may cause skin dryness or cracking.
The product is skin resorptive.
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

12. Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Partition coefficient: n-octanol/water:
Not determined

Mobility in soil

No data available

Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

Waste treatment methods

Product

Recommendation: Do not pierce or burn, even after use.
Special waste. Dispose of waste according to applicable legislation.
Do not dispose of with household waste.

Package

Recommendation: Dispose of waste according to applicable legislation.
Empty carefully and completely, if possible. Handle empty containers with care.
Incineration may cause explosion.

14. Transport information

UN number

DOT: UN1950
IMDG, IATA-DGR: UN 1950

UN proper shipping name

DOT, IMDG: UN 1950, AEROSOLS
IATA-DGR: UN 1950, AEROSOLS, FLAMMABLE

Transport hazard class(es)

DOT: 2.1
IMDG: Class 2.1, Subrisk -
IATA-DGR: Class 2.1



Packing group

DOT, IATA-DGR: not applicable
IMDG: -

Environmental hazards

Marine pollutant: no

Transport in bulk according to IMO instruments

No data available

Special precautions for user

USA: Department of Transportation (DOT)

Labels: 2.1
Special Provisions: N82
Packaging – Exceptions: 306
Packaging – Non-bulk: None
Packaging – Bulk: None
Quantity limitations – Passenger aircraft / rail: 75 kg
Quantity limitations – Cargo only: 150 kg
Vessel stowage – Location: A
Vessel stowage – Other: 25, 87, 126, 157

Sea transport (IMDG)

EmS:	F-D, S-U
Special Provisions:	63 190 277 327 344 381 959
Limited quantities:	1000 mL
Excepted quantities:	E0
Package - Instructions:	P207, LP200
Package - Provisions:	PP87, L2
IBC - Instructions:	-
IBC - Provisions:	-
Tank instructions - IMO:	-
Tank instructions - UN:	-
Tank instructions - Provisions:	-
Stowage and handling:	SW1 SW22
Segregation:	SG69
Properties and observations:	-
Marine pollutant:	no
Segregation group:	none

Air transport (IATA)

Proper shipping name:	UN 1950, AEROSOLS, FLAMMABLE
Hazard label:	Flamm. gas
Excepted Quantity Code:	E0
Passenger and Cargo Aircraft: Ltd.Qty.:	Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger and Cargo Aircraft:	Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo Aircraft only:	Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
Special Provisions:	A145 A167 A802
Emergency Response Guide-Code (ERG):	10L

15. Regulatory information

National regulations - U.S. Federal Regulations

Acetone:	<p>TSCA Inventory: listed</p> <p>Clean Air Act:</p> <p>CAA SOCM I Chemical: yes</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 5000 lbs.</p> <p>RCRA Groundwater Monitoring: listed</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0004*</p>
Nitrocellulose:	<p>TSCA Inventory: listed</p> <p>OSHA Process Safety Management: Threshold 02500 lbs.</p>
n-Butyl acetate:	<p>TSCA Inventory: listed</p> <p>Clean Water Act:</p> <p>CWA Hazardous Substances: Category D; RQ 5000.0 lbs</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 5000 lbs.</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0072</p>
2-Methoxy-1-methylethyl acetate:	TSCA Inventory: listed
Xylene (isomeric mixture):	<p>TSCA Inventory: listed</p> <p>Carcinogen Status: IARC Rating: Group 3</p> <p>OSHA Carcinogen: not listed</p> <p>NTP Rating: not listed</p> <p>Clean Air Act:</p> <p>CAA Hazardous Air Pollutants: yes</p> <p>CAA SOCM I Chemical: yes</p> <p>Clean Water Act:</p> <p>CWA Hazardous Substances: Category B; RQ 100.0 lbs</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 100 lbs.</p> <p>SARA Title III, Section 313, Toxic Release: NPFAS; De Minimis <=1.0 %; Thresholds 25000/10000 lbs</p>
Ethanol:	<p>TSCA Inventory: listed</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0262</p>
Butanone:	<p>TSCA Inventory: listed</p> <p>Clean Air Act:</p> <p>CAA Hazardous Air Pollutants: yes</p> <p>CAA SOCM I Chemical: yes</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 5000 lbs.</p> <p>RCRA Hazardous Wastes: Waste Code U159, D035; Reg. Level 200.0 mg/L</p> <p>RCRA Groundwater Monitoring: listed</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0069*</p>

Ethylbenzene:	<p>TSCA Inventory: listed</p> <p>Carcinogen Status: IARC Rating: Group 2B</p> <p>OSHA Carcinogen: not listed</p> <p>NTP Rating: not listed</p> <p>Clean Air Act:</p> <p>CAA Hazardous Air Pollutants: yes</p> <p>CAA SOCM Chemical: yes</p> <p>Clean Water Act:</p> <p>CWA Hazardous Substances: Category C; RQ 1000.0 lbs</p> <p>CWA Priority Pollutants: listed</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 1000 lbs.</p> <p>RCRA Groundwater Monitoring: listed</p> <p>SARA Title III, Section 313, Toxic Release: NPFAS; De Minimis <=0.1 %; Thresholds 25000/10000 lbs</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0264*</p>
Glycollic acid butyl ester:	TSCA Inventory: listed
Butan-1-ol:	<p>TSCA Inventory: listed</p> <p>Other Environmental Laws:</p> <p>CERCLA: RQ 5000 lbs.</p> <p>SARA Title III, Section 313, Toxic Release: NPFAS; De Minimis <=1.0 %; Thresholds 25000/10000 lbs</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0076</p>
Propane:	<p>TSCA Inventory: listed</p> <p>Clean Air Act:</p> <p>CAA Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0524</p>
Butane, <0,1% Butadiene:	<p>TSCA Inventory: listed</p> <p>Clean Air Act:</p> <p>CAA Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0068*</p>
i-Butane, <0,1% Butadiene:	<p>TSCA Inventory: listed</p> <p>Clean Air Act:</p> <p>CAA Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0350*</p>
Titanium dioxide:	<p>TSCA Inventory: listed</p> <p>Carcinogen Status: IARC Rating: Group 2B</p> <p>OSHA Carcinogen: not listed</p> <p>NTP Rating: not listed</p> <p>NIOSH Recommendations:</p> <p>Occupational Health Guideline: 0617</p>

Bentonite: TSCA Inventory: listed; UVCB

National regulations - U.S. State Regulations

Acetone: New York Right-To-Know: listed

n-Butyl acetate: New York Right-To-Know: listed

Xylene (isomeric mixture): New York Right-To-Know: listed

Butanone: New York Right-To-Know: listed

Ethylbenzene: California Proposition 65:
cancer

New York Right-To-Know: listed

Butan-1-ol: New York Right-To-Know: listed

Further regulations, limitations and legal requirements

No data available

16. Other information

Text for labeling: Contains 25 - 50 % Acetone, 2.5 - 5 % Nitrocellulose, 2.5 - 5 % n-Butyl acetate, 2.5 - 5 % 2-Methoxy-1-methylethyl acetate, 2.5 - 5 % Xylene (isomeric mixture), 2.5 - 5 % Ethanol, 1 - 2.5 % Butanone, < 1 % Ethylbenzene, < 1 % Glycollic acid butyl ester, < 1 % Butan-1-ol, 10 - 25 % Propane, 5 - 10 % Butane, <0,1% Butadiene, 5 - 10 % i-Butane, <0,1% Butadiene.

Revision date: 3/3/2026

Date of first version: 10/7/1994

Reason of change: Changes in section 8: Biological Limit Value

Hazard rating systems: NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 4 (Severe)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 4 (Severe)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor



HEALTH	1
FLAMMABILITY	4
PHYSICAL HAZARD	0
	X

Abbreviations and acronyms:

Acute Toxicity: Acute toxicity
 Aquatic toxicity - chronic: Hazardous to the aquatic environment - chronic
 AS/NZS: Australian Standards/New Zealand Standards
 Aspiration Toxicity: Aspiration toxicity
 CAS: Chemical Abstracts Service
 CFR: Code of Federal Regulations
 CLP: Classification, Labelling and Packaging
 DMEL: Derived minimal effect level
 DNEL: Derived no-effect level
 DOT: Department of Transportation's Safety Regulations (USA)
 EC: European Community
 EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
 EN: European Standard
 EQ: Excepted quantities
 Explosive: Explosives
 Eye Damage: Eye damage
 Eye Irritation: Eye irritation
 Flammable Gas: Flammable gases
 Flammable Liquid: Flammable liquid
 IATA: International Air Transport Association
 IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
 IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IMDG Code: International Maritime Dangerous Goods Code
 IMO: International Maritime Organization
 LEL: Lower Explosion Limit
 MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
 OEL: Occupational Exposure Limit Value
 OSHA: Occupational Safety and Health Administration
 PBT: Persistent, bioaccumulative and toxic
 PNEC: Predicted no-effect concentration
 Reproductive toxicant: Reproductive toxicity
 Skin Irritation: Skin irritation
 STOT RE: Specific target organ toxicity - repeated exposure
 STOT SE: Specific target organ toxicity - single exposure
 TLV: Threshold Limit Value
 TRGS: Technical Rules for Hazardous Substances
 UN: United Nations
 vPvB: Very persistent and very bioaccumulative
 WEL: Workplace Exposure Limit

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.