

1. Product and company identification

Product identifier

Trade name: 635L13 - Spray Lacquer, skin color-caucasian

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

General use: Paint for orthopedic procedures. Aerosol.
Reserved for industrial and professional use.

Details of the supplier of the safety data sheet

Company name: Otto Bock Health Care
Street/POB-No.: 3820 W. Great Lakes Drive
Postal Code, city: Salt Lake City, UT 84120
USA

WWW: www.ottobockus.com

Telephone: +1 (801) 956-2400

Telefax: +1 (801) 956-2401

Dept. responsible for information:

Quality Department,
Telephone: +1 (801) 954-2304 (7 AM – 3 PM, Mountain Time), Email:
USRegulatory@ottobock.com

Emergency phone 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. Hazards identification

Emergency overview

Appearance: Form: Aerosol
Color: flesh-colored

Odor: similar to solvents

Classification: Aerosol - Category 1; Eye Irritation - Category 2A;
Specific Target Organ Toxicity (Single Exposure) - Category 3;

Hazard symbols:



Signal word:

Danger

Hazard statements:

Extremely flammable aerosol.
Pressurised container: May burst if heated.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Repeated exposure may cause skin dryness or cracking.

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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 eye protection/face protection.

Call a POISON CENTER if you feel unwell.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

Potentially explosive mixtures may form if adequate ventilation is not provided.

Exposure to temperatures exceeding 122 °F will increase pressure: resulting in danger of bursting or explosion.

Vapors are a moderate irritant to the mucous membranes. Danger of severe damage of the cornea. In case of inhalation Danger of metabolic acidosis.

see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Spray lacquer with propan/butan.

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Hazardous ingredients:

CAS No.	Designation	Content	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 123-86-4	n-Butyl acetate	5 - 10 %	Flammable Liquid - Category 3. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 1330-20-7	Xylene (isomeric mixture)	5 - 10 %	Flammable Liquid - Category 3. Acute Toxicity - dermal - Category 4. Acute Toxicity - inhalative - Category 4. Skin Irritation - Category 2.
CAS 9004-70-0	Nitrocellulose	5 - 10 %	N - Category 1.1.
CAS 108-65-6	2-Methoxy-1-methylethyl acetate	2.5 - 5 %	Flammable Liquid - Category 3.
CAS 64-17-5	Ethanol	2.5 - 5 %	Flammable Liquid - Category 2.
CAS 108-10-1	4-Methylpentan-2-one	2.5 - 5 %	Flammable Liquid - Category 2. Acute Toxicity - inhalative - Category 4. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3.
CAS 106-97-8	n-Butane, <0,1% 1,3-Butadiene	10 - 25 %	Flammable Gas - Category 1. Liquefied Gas.
CAS 74-98-6	Propane	5 - 10 %	Flammable Gas - Category 1. Liquefied Gas.

4. First aid measures

- In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing. If breathing becomes irregular or ceases, apply mouth-to-mouth resuscitation or artificial respiration immediately, where required supply oxygen.
- Following skin contact: Thoroughly wash skin with soap and water. Follow up by applying skin cream. Immediately remove all contaminated clothing.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.

Most important symptoms/effects, acute and delayed

Causes serious eye irritation.
 Repeated exposure may cause skin dryness or cracking.
 In case of inhalation:
 Product affects central nervous system.
 Danger of metabolic acidosis.
 Symptoms: Headache, dizziness, fatigue, muscle weakness, numbing effect and, in exceptional cases, unconsciousness.

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:

without propellant ≤ 32 °F

Auto-ignition temperature: not self-igniting

Suitable extinguishing media:

Dry chemical powder, Water fog, alcohol resistant foam, Carbon dioxide.

Extinguishing media which must not be used for safety reasons:

strong water jet

Specific hazards arising from the chemical

Extremely flammable aerosol. Pressurised container: May burst if heated.

Air combined with vapors may form potentially explosive mixtures that are heavier than air.

Exposure to fire produces thick, black smoke that is hazardous to health.

In case of fire may be liberated: nitrogen oxides (NO_x), carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear self-contained breathing apparatus.

Additional information:

Cool endangered containers with water spray and, if possible, remove from danger zone. 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:

Eliminate all ignition sources if safe to do so.

Wear protective equipment. Keep unprotected people away.

Provide adequate ventilation. Do not breathe vapor or spray.

Avoid contact with skin and eyes.

Environmental precautions:

Do not allow to enter soil, sewage, water bodies, lower level rooms or pits.

Methods for clean-up:

Use only explosion-protected equipment/instruments.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Do not remove residual product with water and detergent.

7. Handling and storage

Handling

Advices on safe handling: Do not breathe vapor or spray. Provide good ventilation and/or an exhaust system in the work area.

Avoid contact with skin and eyes.

Wear suitable gloves and eye/face protection.

Precautions against fire and explosion:

Take precautionary measures against static discharges.

Do not force spray can open. Do not heat spray cans over 122 °F.

Do not open or incinerate, even when empty. Do not spray into flames or on incandescent objects.

Forms explosive mixtures with air.

Storage

Requirements for storerooms and containers:

Store in a well-ventilated and dry room at temperatures between 41 °F and 86 °F. Protect from heat and direct sunlight. Electrical equipment must be explosion protected according to standards. Floors must be electrically conductive.

Consider compliance with applicable regulations for pressurised small gas containers

Hints on joint storage:

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Keep away from food, drink and animal feedingstuffs.

Further details:

Attacks many plastics and rubbers.

8. Exposure controls / personal protection

Exposure guidelines

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: NIOSH: TWA	590 mg/m ³ ; 250 ppm
		USA: OSHA: TWA	2400 mg/m ³ ; 1000 ppm
123-86-4	n-Butyl acetate	USA: ACGIH: STEL	950 mg/m ³ ; 200 ppm
		USA: ACGIH: TWA	713 mg/m ³ ; 150 ppm
		USA: NIOSH: STEL	950 mg/m ³ ; 200 ppm
		USA: NIOSH: TWA	710 mg/m ³ ; 150 ppm
		USA: OSHA: TWA	710 mg/m ³ ; 150 ppm
1330-20-7	Xylene (isomeric mixture)	USA: ACGIH: STEL	651 mg/m ³ ; 150 ppm
		USA: ACGIH: TWA	434 mg/m ³ ; 100 ppm
		USA: OSHA: TWA	435 mg/m ³ ; 100 ppm
64-17-5	Ethanol	USA: ACGIH: TWA	1880 mg/m ³ ; 1000 ppm
		USA: NIOSH: TWA	1900 mg/m ³ ; 1000 ppm
		USA: OSHA: TWA	1900 mg/m ³ ; 1000 ppm
108-10-1	4-Methylpentan-2-one	USA: ACGIH: STEL	307 mg/m ³ ; 75 ppm
		USA: ACGIH: TWA	82 mg/m ³ ; 20 ppm
		USA: NIOSH: STEL	300 mg/m ³ ; 75 ppm
		USA: NIOSH: TWA	205 mg/m ³ ; 50 ppm
		USA: OSHA: TWA	410 mg/m ³ ; 100 ppm
106-97-8	n-Butane, <0,1% 1,3-Butadiene	USA: ACGIH: TWA	2370 mg/m ³ ; 1000 ppm
		USA: NIOSH: TWA	1900 mg/m ³ ; 800 ppm
74-98-6	Propane	USA: NIOSH: TWA	1800 mg/m ³ ; 1000 ppm
		USA: OSHA: TWA	1800 mg/m ³ ; 1000 ppm

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
67-64-1	Acetone	USA: ACGIH-BEI, urine	50 mg/L	acetone	end of exposure or end of shift
1330-20-7	Xylene (isomeric mixture)	USA: ACGIH-BEI, urine	1.5 g/g creatinine	Methylhippuric acids	end of exposure or end of shift
108-10-1	4-Methylpentan-2-one	USA: ACGIH-BEI, urine	1 mg/L	MIBK in urine	end of exposure or end of shift

Engineering controls

Explosion protection required. Work only with resistant materials.
Provide for good ventilation or exhaust system or work with completely self-contained equipment.
See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection: Wear suitable protective clothing.
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Glove material: Nitrile rubber-breakthrough time: 480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded.
Use filter type A-P2 according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.
OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2
In case of prolonged or repeated exposures: use self-contained breathing apparatus.

General hygiene considerations:
Keep away from heat sources, sparks and open flames.
Keep away from food, drink and animal feedingstuffs.
Do not breathe vapor or spray. Avoid contact with skin and eyes.
Wash hands before breaks and after work.
Take off immediately all contaminated clothing.
Use only in well-ventilated areas.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance: Form: Aerosol
Color: flesh-colored

Odor: similar to solvents

Odor threshold: no data available

pH value: no data available

Melting point/freezing point: not determined

Initial boiling point and boiling range: not applicable

Flash point/flash point range: without propellant <= 32 °F

Evaporation rate: no data available

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Flammability:	not applicable
Explosion limits:	LEL (Lower Explosion Limit): 1.50 Vol-% UEL (Upper Explosive Limit): 13.00 Vol-%
Vapor pressure:	at 68 °F: 3600 hPa
Vapor density:	no data available
Density:	not determined
Water solubility:	at 68 °F: not/slightly miscible
Partition coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	not self-igniting
Thermal decomposition:	no data available
Viscosity, dynamic:	not determined
Explosive properties:	In use, may form flammable/explosive vapor-air mixture.
Ignition temperature:	689 °F
Solvent content:	82.7 %
Solid content:	16.1 %

10. Stability and reactivity

Reactivity:	Extremely flammable aerosol. Pressurised container: May burst if heated. Exposure to temperatures exceeding 122 °F will increase pressure: resulting in danger of bursting or explosion.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Vapors form potentially explosive mixtures with air, which are heavier than air. Air-Vapor mixture may travel great distances at floor level and lead to backflash when exposed to an ignition source.
Conditions to avoid:	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. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Do not force spray can open.
Incompatible materials:	Avoid contact with strong acids, strong bases and strong oxidizing agents. Attacks many plastics and rubbers. On contact with barium hydroxide, sodium hydroxide and many other alkaline materials condensation may occur.
Hazardous decomposition products:	Hazardous decomposition products such as carbon dioxide, carbon monoxide, fumes, nitrogen oxides may develop with exposure to high temperatures.
Thermal decomposition:	no data available

11. Toxicological information

Toxicological tests

Toxicological effects:

- Acute toxicity (oral): Lack of data.
- Acute toxicity (dermal): Lack of data.
- Acute toxicity (inhalative): Lack of data.
- Skin corrosion/irritation: Lack of data.
- Eye damage/irritation: Eye Irritation - Category 2A = Causes serious eye irritation.
- Sensitisation to the respiratory tract: Lack of data.
- Skin sensitisation: Lack of data.
- Germ cell mutagenicity/Genotoxicity: Lack of data.
- Carcinogenicity: Lack of data.
- Reproductive toxicity: Lack of data.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause drowsiness or dizziness.
- Specific target organ toxicity (repeated exposure): Lack of data.
- Aspiration hazard: Lack of data.

Symptoms

In case of inhalation:

Inhalation of vapors exceeding the allowable WEL/TLV-levels may pose a health hazard as well as lead to irritation of mucous membranes and respiratory system, cause kidney and liver damage as well as adversely affect the central nervous system.

Danger of metabolic acidosis.

Symptoms: Headache, dizziness, fatigue, muscle weakness, numbing effect and, in exceptional cases, unconsciousness.

Xylene: Pulmonary edema is possible. Potential health effects.

After contact with skin:

Prolonged or repeated contact with the product affects the skin's natural oils and induces drying up. The product can be absorbed through skin.

Xylene: Danger of cutaneous absorption. Potential health effects.

After eye contact: Corneal damage.

Splashing may cause eye irritation and reversible damage.

12. Ecological information

Ecotoxicity

Aquatic toxicity:

Information about Acetone:

- Algae toxicity:
- NOEL: 3400 mg/L/48 h.
- Bacterial toxicity:
- EC50 bacteria: 1700 mg/L/16 h.
- Daphnia toxicity:
- EC50 Daphnia magna (Big water flea): 6100 mg/L/48 h.
- Fish toxicity:
- LC50 Oncorhynchus mykiss: 5540 mg/L/96 h.

Mobility in soil

no data available

Persistence and degradability

Further details: no data available

Additional ecological information

Volatile organic compounds (VOC):

82.7 % by weight

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

13. Disposal considerations

Product

Recommendation: Special waste. Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.

Additional information

Do not open with force or incinerate, even when empty.

Do not dispose of with household waste.

Empty carefully and completely, if possible.

14. Transport information

USA: Department of Transportation (DOT)

Identification numbers: UN1950
 Proper shipping name: UN 1950, AEROSOLS
 DOT hazard class or division: 2.1
 Label codes: 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



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Sea transport (IMDG)

UN number: UN 1950
Proper shipping name: UN 1950, AEROSOLS
IMDG: Class 2, Subrisk -, see SP63
Packing Group: -
EmS: F-D, S-U
Special provisions: 63, 190, 277, 327, 344, 959
Limited quantities: See SP277
EQ: E0
Contaminated packaging - Instructions: P207, LP02
Contaminated packaging - 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)

UN/ID number: UN 1950
Proper shipping name: UN 1950, AEROSOLS, flammable
ICAO/IATA: Class 2.1
Hazard: Flamm. gas
EQ: E0
Passenger Ltd.Qty.: Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger: Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo: Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
Special Provisioning: A145 A167 A802
ERG: 10L

15. Regulatory information

National regulations - U.S. Federal Regulations

Acetone:	TSCA Inventory: listed TSCA HPVC: not listed Clean Air Act: SOCMI Chemical: yes Other Environmental Laws: CERCLA: RQ 5000 lbs. RCRA Hazardous Wastes: Code U002 RCRA Groundwater Monitoring: Methods 8240 / PQL 100 NIOSH Recommendations: Occupational Health Guideline: 0004*
n-Butyl acetate:	TSCA Inventory: listed TSCA HPVC: not listed Clean Water Act: Hazardous Substances: RQ 5000 lbs. Other Environmental Laws: CERCLA: RQ 5000 lbs. NIOSH Recommendations: Occupational Health Guideline: 0072
Xylene (isomeric mixture):	TSCA Inventory: listed TSCA HPVC: not listed Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed Clean Air Act: Hazardous Air Pollutants: Code XOY SOCMI Chemical: yes Clean Water Act: Hazardous Substances: RQ 100 lbs. Other Environmental Laws: CERCLA: RQ 100 lbs. RCRA Hazardous Wastes: Code U239 RCRA Groundwater Monitoring: Methods 8020, 8240 / PQL 5, 5 SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard
Nitrocellulose:	TSCA: listed - Flags: XU Process Safety Management: Threshold Quantity: 2500 pounds
2-Methoxy-1-methylethyl acetate:	TSCA Inventory: listed; EPA flags P TSCA HPVC: not listed
Ethanol:	TSCA: listed TSCA Inventory: listed TSCA HPVC: not listed NIOSH Recommendations: Occupational Health Guideline: 0262

SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

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4-Methylpentan-2-one:

TSCA Inventory: listed; EPA flags T
TSCA HPVC: not listed
Clean Air Act:
Hazardous Air Pollutants: Code XOV
SOCMI Chemical: yes
Other Environmental Laws:
CERCLA: RQ 5000 lbs.
RCRA Hazardous Wastes: Code U161
RCRA Groundwater Monitoring: Methods 8015, 8240 / PQL 5, 50
SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard
NIOSH Recommendations:
Occupational Health Guideline: 0326*

n-Butane, <0,1% 1,3-Butadiene:

TSCA Inventory: listed
TSCA HPVC: not listed
Clean Air Act:
Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f
NIOSH Recommendations:
Occupational Health Guideline: 0068*

Propane:

TSCA Inventory: listed
TSCA HPVC: not listed
Clean Air Act:
Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f
NIOSH Recommendations:
Occupational Health Guideline: 0524

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National regulations - U.S. State Regulations

Acetone:	California Prop 65 List: None Delaware Air Quality Management List: DRQ: 5000 - RQ State: Federal Regulations Apply Idaho Air Pollutant List: Title 585: AAC: 89 - EL: 119 - OEL: 1780 Massachusetts Haz. Substance codes: 2,4,5,6 F8 F9 Minnesota Haz. Substance: Codes: AON - Ratings: 7.16 - Status: Title III New York List of Hazardous Substances: RQ-Air: 5000 - RQ-Land: 1 - Note: No Note Associated with this chemical. Pennsylvania Haz. Substance code: E Washington Air Contaminant: TWA: 750 ppm - 1800 mg - STEL: 1000 ppm - 2400 mg
n-Butyl acetate:	CAS# 123-86-4 can be found on the following state right to know lists: - California, Massachusetts, Minnesota, New Jersey, Pennsylvania.
Xylene (isomeric mixture):	Delaware Air Quality Management List: DRQ: 100 - RQ State: Federal Regulations Apply Idaho Air Pollutant List: Title 585 -- Title 586 -- Maine Hazardous Air Pollutants: Me 2005: HAP - Hap Rpt: 2000 Massachusetts Haz. Substance codes: 2,4 F8 F9 Michigan Critical Material: Note: - CMR: 44 - Parameter: 01330-20-7 - Annual Usage Parameter: 100 Minnesota Haz. Substance: Codes: ANO - Ratings: 8.77 - Status: Air Pollutant. Title III. TRI. New Jersey RTK Hazardous Substance: DOT: 1307 - Sub No.: 2014 - TPQ: - New York List of Hazardous Substances: RQ -- Air: 1000 - RQ -- Land: 1 - Note: No Note Associated with this chemical. Pennsylvania Haz. Substance code: E Washington Air Contaminant: TWA: 100 ppm / 435 mg - STEL: 150 ppm / 655 mg
Nitrocellulose:	California Proposition 65 code: - Delaware Air Quality Management List: DRQ: 500 - RQ State: State requirement differs from Federal Massachusetts Haz. Substance codes: 5,6 New Jersey RTK Hazardous Substance: DOT: 0340 - Sub No.: 3642 - TPQ: - Pennsylvania Haz. Substance code: -
2-Methoxy-1-methylethyl acetate:	Idaho Air Pollutant List: Title 585: AAC: 3.6 - EL: 24 - OEL: - - Title 586: -
Ethanol:	California Proposition 65 code: - Idaho Air Pollutant List: Title 585: AAC: 94 - EL: 125 - OEL: 1880 - Title 586: - Massachusetts Haz. Substance codes: 2,4,5,6 *T1* Minnesota Haz. Substance: Codes: AO - Ratings: 7.74 Pennsylvania Haz. Substance code: - Washington Air Contaminant: TWA: 1000 ppm - 1900 mg
4-Methylpentan-2-one:	California Proposition 65 code: - Delaware Air Quality Management List: DRQ: 5000 - RQ State: Federal Regulations Apply Idaho Air Pollutant List:

National regulations - Great Britain

Hazchem-Code: -

16. Other information

Text for labeling: Contains 25 - 50 % Acetone, 5 - 10 % n-Butyl acetate, 5 - 10 % Xylene (isomeric mixture), 5 - 10 % Nitrocellulose, 2.5 - 5 % 2-Methoxy-1-methylethyl acetate, 2.5 - 5 % Ethanol, 2.5 - 5 % 4-Methylpentan-2-one, 10 - 25 % n-Butane, <0,1% 1,3-Butadiene, 5 - 10 % Propane. Safety data sheet available on request.

Hazard rating systems: NFPA Hazard Rating:
 Health: 1 (Slight)
 Fire: 3 (Serious)
 Reactivity: 0 (Minimal)



HMIS Version III Rating:
 Health: 1 (Slight)
 Flammability: 3 (Serious)
 Physical Hazard: 0 (Minimal)
 Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0
	X

Reason of change: Changes in section 14: IMDG 2015

Date of first version: 10/7/1994

Department issuing data sheet

Contact person: see section 1: Dept. 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.