

SAFETY DATA SHEET

OX-65 Holländsk

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name OX-65 Holländsk
Product No. 12000

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

Identified uses Lubricant.

1.3. Details of the supplier of the safety data sheet

Supplier Relaco AB
Brödernas gata 3
Box 2039
264 02 ÖSTRA LJUNGBY
Sweden
0046 435 218 30
0046 435 218 37
info@relaco.se

1.4. Emergency telephone number

112
National Emergency Telephone Number
112 or 999

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Flam. Aerosol 2 - H223+H229
Human health EUH066;STOT SE 3 - H336
Environment Not classified.

Classification (1999/45/EEC) F+;R12. R66, R67.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

Prolonged skin contact may cause redness, irritation and dry skin. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Physical and Chemical Hazards

Extremely flammable. Pressure chamber may explode in the event of fire.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning

Hazard Statements

H223+H229 Flammable aerosol.
Pressurised container: May burst if heated.
H336 May cause drowsiness or dizziness.

Precautionary Statements

P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

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P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P501	Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements

P271	Use only outdoors or in a well-ventilated area.
P261	Avoid breathing vapour/spray.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Supplemental label information

EUH066	Repeated exposure may cause skin dryness or cracking.
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2.3. Other hazards

Contains: Isobutane. This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

1,1,1,2-Tetrafluoroethane		25-60%
CAS-No.: 811-97-2	EC No.: 212-377-0	
Classification (EC 1272/2008) Flam. Aerosol 3 - H229	Classification (67/548/EEC) Not classified.	
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (0,1% BENZENE)		25-60%
CAS-No.: 64742-48-9	EC No.: 265-150-3	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10,R66,R67.	
ETHYL ACETATE		1-5%
CAS-No.: 141-78-6	EC No.: 205-500-4	Registration Number: 01-2119475103-46
Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67	
PROPAN-2-OL		< 1%
CAS-No.: 67-63-0	EC No.: 200-661-7	Registration Number: 01-2119457558-25
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67	

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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Product name OX-65 Holländsk

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Get medical attention if any discomfort continues.

Inhalation

Fresh air and rest.

Ingestion

Drink a few glasses of water or milk. DO NOT INDUCE VOMITING!

Skin contact

Wash skin with soap and water.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information

Solvent abuse can kill instantly.

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

May cause nausea, headache, dizziness and intoxication.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Extremely flammable. Aerosol cans may explode in a fire.

Specific hazards

Aerosol containers can explode when heated, due to excessive pressure build-up.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water.

Protective equipment for fire-fighters

Wear full protective clothing. Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

6.2. Environmental precautions

Prevent entry into drains.

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6.3. Methods and material for containment and cleaning up

Large Spillages: Dam and absorb spillage with sand, sawdust or other absorbent. Small Spillages: Wipe away with paper or textile fabric.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Protect against direct sunlight. Avoid eating, drinking and smoking when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store in a cool and well-ventilated place. Store in a dry place.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ETHYL ACETATE	WEL	200 ppm		400 ppm		
PROPAN-2-OL	WEL	400 ppm	999 mg/m ³	500 ppm	1250 mg/m ³	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Engineering measures

Well-ventilated area.

Respiratory equipment

No specific recommendation made, but chemical cartridge protection may still be required for organic dusts/vapours known to be toxic.

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash.

Nitrile gloves are recommended.

Eye protection

Goggles/face shield are recommended.

Other Protection

Provide eyewash station and safety shower.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Light (or pale).
Odour	Organic solvents.
Solubility	Organic solvents.
Relative density	~0,9

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Flash point (°C)

Technical impossibility to obtain the data.

9.2. Other information

Volatile Organic Compound (VOC)

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data is available regarding the preparation it self.

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause irritation to the respiratory system.

Ingestion

May irritate and cause stomach pain, vomiting and diarrhoea.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause temporary eye irritation.

Health Warnings

Solvent vapours are hazardous and may cause nausea, sickness and headaches.

Toxicological information on ingredients.

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PROPAN-2-OL (CAS: 67-63-0)

Acute toxicity:

Acute Toxicity (Oral LD50)

4396 mg/kg Rat

Acute Toxicity (Dermal LD50)

12800 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

72.6 mg/l (vapours) Rat 4 hours

ETHYL ACETATE (CAS: 141-78-6)

Acute toxicity:

Acute Toxicity (Oral LD50)

5620 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 18000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

5.77 mg/l (vapours) Rat

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (0,1% BENZENE) (CAS: 64742-48-9)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 2000 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

~ 3400 ppmV (gas) Rat 4 hours

1,1,1,2-Tetrafluoroethane (CAS: 811-97-2)

Toxicological information

No data is available regarding the preparation it self.

Acute toxicity:

General information

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation

Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause irritation to the respiratory system.

Ingestion

May irritate and cause stomach pain, vomiting and diarrhoea.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data is available regarding the preparation itself.

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Ecological information on ingredients.

PROPAN-2-OL (CAS: 67-63-0)

Acute Toxicity - Fish

LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 13299 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

IC50 72 hours 1800 mg/l

ETHYL ACETATE (CAS: 141-78-6)

Acute Toxicity - Fish

LC50 96 hours 230 mg/l Pimephales promelas (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 154 - 717 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

IC50 48 hours 3300 mg/l Scenedesmus subspicatus

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (0.1% BENZENE) (CAS: 64742-48-9)

Acute Toxicity - Fish

LC50 96 hours > 100 mg/l

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 100 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 72 hours > 100 mg/l Freshwater algae

1,1,1,2-Tetrafluoroethane (CAS: 811-97-2)

No data is available regarding the preparation itself.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

Ecological information on ingredients.

ETHYL ACETATE (CAS: 141-78-6)

Degradability

Readily biodegradable.

1,1,1,2-Tetrafluoroethane (CAS: 811-97-2)

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (0.1% BENZENE) (CAS: 64742-48-9)

Bioaccumulative potential

May accumulate in soil and water systems.

Partition coefficient

log Pow ~ 2-7

1,1,1,2-Tetrafluoroethane (CAS: 811-97-2)

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

No information available

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Ecological information on ingredients.

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY (0,1% BENZENE) (CAS: 64742-48-9)

Mobility:

The product contains volatile substances, which may spread in the atmosphere.

1,1,1,2-Tetrafluoroethane (CAS: 811-97-2)

Mobility:

No information available

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.

1,1,1,2-Tetrafluoroethane (CAS: 811-97-2)

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

No information required.

Ecological information on ingredients.

1,1,1,2-Tetrafluoroethane (CAS: 811-97-2)

No information required.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

The manufacturer of this product complies with the rules and regulations of the European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, by paying packaging fees for disposal and recycling of packaging waste.

13.1. Waste treatment methods

The plastic lid and valve are sorted as plastic. Empty aerosols are sorted as scrap metal. Residues and non empty containers should be taken care of as hazardous waste according to local and national regulations.

Waste Class

Non empty containers: EWC code 14 06 03*

Empty containers: EWC code 15 01 04.

SECTION 14: TRANSPORT INFORMATION

General

Aerosols may be carried domestically as limited quantities (1L) as long as each package does not exceed 30 kg in cardboard boxes or 20 kg on trays with shrink- or stretch wrapping. Each package shall be marked with diamond-shaped area, the top and bottom part is black, surrounded by a line that measures at least 100 mm x 100 mm.

14.1. UN number

UN No. (ADR/RID/ADN) 1950

14.2. UN proper shipping name

Proper Shipping Name Aerosols

14.3. Transport hazard class(es)

ADR/RID/ADN Class 2.5F

ADR Label No. 2.1

IMDG Class 2.1

ICAO Class/Division 2.1

Transport Labels

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14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

EMS F-D, S-U

Tunnel Restriction Code (D)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

National Regulations

COUNCIL DIRECTIVE of may 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information

A review of safety data sheet with staff to manage the product recommended.

Issued By	Ullbors
Revision Date	09/05/2014
Revision	2
Supersedes date	09/05/2014
Date	09/05/2014

Risk Phrases In Full

R12	Extremely flammable.
R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable
R36	Irritating to eyes.
NC	Not classified.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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Hazard Statements In Full

H319	Causes serious eye irritation.
H223+H229	Flammable aerosol. Pressurised container: May burst if heated.
H226	Flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H229	Pressurised container: May burst if heated.
EUH066	Repeated exposure may cause skin dryness or cracking.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.