

## 1 Identification

- **Product identifier**
- **Trade name:** SWISSCUT ORTHO NF-X 10
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Cutting Oil  
Only for proper handling.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
MOTOREX AG LANGENTHAL  
Schmiertechnik  
Bern-Zürich-Strasse 31  
CH-4901 Langenthal  
Tel. +41 (0)62 919 74 74  
  
EUROLine Inc.  
5 Old Town Park Road, South End Plaza, Unit 51  
New Milford CT 06776, USA  
Phone: 860-354-1177; Fax: 860 354-1157  
Chemtrec Company Code: J336
- **Information department:** [msds@motorex.com](mailto:msds@motorex.com)
- **Emergency telephone number:**  
USA + Kanada: 1 800 424 9300 (Chemtrec Chemical Manufacturers Association, Arlington, VA 22209)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product has to be labeled due to the calculation procedure of international guidelines.
- **Classification system:**  
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
Hydrocarbons, C13-C23, n-alkanes, Isoalkanes, cyclic, <0.3% aromatics
- **Hazard statements**  
H304 May be fatal if swallowed and enters airways.

(Contd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 05/06/2015

Reviewed on 05/06/2015

Trade name: SWISSCUT ORTHO NF-X 10

(Contd. of page 1)

- **Precautionary statements**

P301+P310 If swallowed: Immediately call a poison center/doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 1  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



HEALTH 1 Health = 1  
FIRE 1 Fire = 1  
REACTIVITY 0 Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 64742-46-7 Reg.nr.: 01-2119827000-58	Hydrocarbons, C13-C23, n-alkanes, Isoalkanes, cyclic, <0.3% aromatics ☒ Xn R65 ☒ Asp. Tox. 1, H304	60-80%
CAS: 64742-55-8 Reg.nr.: 01-2119484627-25	Distillates (petroleum), hydrotreated light paraffinic ☒ Asp. Tox. 1, H304	5-10%
CAS: 64742-46-7 Reg.nr.: 01-2119827000-58	Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics ☒ Xn R65 ☒ Asp. Tox. 1, H304	2.5-7.5%

## 4 First-aid measures

- **Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Remove residues with soap and water.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** Do not induce vomiting. Do not take in resorption stimulating agents.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

US

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 05/06/2015

Reviewed on 05/06/2015

Trade name: SWISSCUT ORTHO NF-X 10

(Contd. of page 2)

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** DO NOT USE WATER JET
- **Special hazards arising from the substance or mixture**  
In case of fire carbon, sulphur and nitrogen oxides can be formed.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** Do not heat above flash point.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store containers closed and protect against rain, dust, heat and other atmospheric influences.
- **Storage class:** 10
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

(Contd. on page 4)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 05/06/2015

Reviewed on 05/06/2015

**Trade name: SWISSCUT ORTHO NF-X 10**

(Contd. of page 3)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	Yellowish
<b>Odor:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

- **pH-value:** Not determined.

- **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

- **Flash point:** 155 °C (311 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** > 230 °C (> 446 °F) (DIN 51794)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

<b>Lower:</b>	1.0 Vol %
<b>Upper:</b>	6.0 Vol %

- **Vapor pressure:** <3 mbar(20 °C)

- **Density at 20 °C (68 °F):** 0.845 g/cm<sup>3</sup> (7.052 lbs/gal) (ASTM D 4052)

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

**Water:** Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	10 mm <sup>2</sup> /s @ 40 °C (DIN 51562-1)

- **Other information** No further relevant information available.

US

(Contd. on page 5)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 05/06/2015

Reviewed on 05/06/2015

Trade name: SWISSCUT ORTHO NF-X 10

(Contd. of page 4)

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**

<b>64742-46-7 Hydrocarbons, C13-C23, n-alkanes, Isoalkanes, cyclic, &lt;0.3% aromatics</b>		
Oral	LD50	2000 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

108-94-1	cyclohexanone	3
----------	---------------	---

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (Self-classification according VwVwS, 17.05.1999): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

US

(Contd. on page 6)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 05/06/2015

Reviewed on 05/06/2015

Trade name: SWISSCUT ORTHO NF-X 10

(Contd. of page 5)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |  |                 |
|--|-----------------|
| · <b>UN-Number</b>   | Void            |
| · <b>DOT, ADR,ADN, ADN, IMDG, IATA</b>   | Void            |
| · <b>UN proper shipping name</b>   | Void            |
| · <b>DOT, ADR,ADN, ADN, IMDG, IATA</b>   | Void            |
| · <b>Transport hazard class(es)</b>  |                 |
| · <b>DOT, ADR,ADN, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>   | Void            |
| · <b>Packing group</b>   |                 |
| · <b>DOT, ADR,ADN, IMDG, IATA</b>  | Void            |
| · <b>Environmental hazards:</b>  |                 |
| · <b>Marine pollutant:</b>   | No              |
| · <b>Special precautions for user</b>  | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>  | -               |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

64742-46-7	Hydrocarbons, C13-C23, n-alkanes, Isoalkanes, cyclic, <0.3% aromatics
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic
64742-46-7	Hydrocarbons, C15-C20 n-alkanes, isoalkanes, cycloalkanes, <0.03% aromatics
8016-28-2	Oils, lard
84988-79-4	Fatty acids, C16
8001-79-4	Castor oil
10254-57-6	Methylene-bis-(dibutylthiocarbamate)
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts
61789-86-4	Calcium petroleum sulfonate, synthetic, neutral
70024-69-0	Benzenesulfonic acid, mono-C20-24-alkyl derivs., calcium salts

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 05/06/2015

Reviewed on 05/06/2015

Trade name: SWISSCUT ORTHO NF-X 10

(Contd. of page 6)

1305-62-0	calcium dihydroxide
64742-47-8	Distillates (petroleum), hydrotreated light
108-94-1	cyclohexanone

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

108-94-1	cyclohexanone	A3
----------	---------------	----

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **National chemical directories**

Components listed or exempted from listing:

TSCA (USA)

DSL/NDSL (CDN)

ENCs/METI (J)

IECSC (CN)

EINECS/ELINCS/NLP (EU)

AICS (Aus)

ECL/KECI (KOR)

PICCS (RP)

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Abteilung Produktsicherheit

· **Date of preparation / last revision** 05/06/2015 / -

· **Abbreviations and acronyms:**

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

· **\* Data compared to the previous version altered.**