

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2008

Revision: 04.06.2008

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** ISOFLEX NBU 15
- **Article number:** 004026
- **Application of the substance / the preparation** Grease
- **Manufacturer/Supplier:**
 KLÜBER LUBRICATION MÜNCHEN KG
 Geisenhausenerstrasse 7
 D-81379 München
 Tel.: 0049 (0) 897876-0
 Fax: 0049 (0) 897876-333
- **Further information obtainable from:**
 Material Compliance Management
 E-Mail: mcm@klueber.com
- **Information in case of emergency:** 0049 (0) 89 7876 700 (24 hrs)

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
 The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Classification system:**
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:**
 mineral oil
 ester oil
 Synthetic hydrocarbon oil
 barium complex soap

· **Dangerous components:**

	barium complex soap	R 52/53	25-50%
CAS: 68411-46-1 EINECS: 270-128-1	Diocetylphenylamine	R 52/53	≤ 2.5%
CAS: 94270-86-7	N-alkylated benzotriazole	Xi, N; R 38-43-51/53	≤ 0.25%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Wash off with soap and plenty of water.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 04.06.2008

Revision: 04.06.2008

Trade name: ISOFLEX NBU 15

(Contd. of page 2)

- **Personal protective equipment:**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing
Avoid contact with the skin.
Be sure to clean skin thoroughly after work and before breaks.
- **Respiratory protection:** Not required.
- **Protection of hands:** Preventive skin protection by use of skin-protecting agents is recommended.
- **Eye protection:** Not required.

9 Physical and chemical properties

· General Information

Form:	Pasty
Colour:	Beige
Odour:	Product specific

- **Change in condition**
Drip point: > 220°C (DIN ISO 2176)
- **Flash point:** not applicable
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** ~ 0.99 g/cm³
- **Solubility in / Miscibility with water:** Insoluble.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Materials to be avoided:** oxidizing agents
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** none under normal use

11 Toxicological information

- **Additional toxicological information:**
Prolonged skin contact may cause skin irritation and/or dermatitis.

12 Ecological information

- **Ecotoxicological effects:**
- **Behaviour in sewage processing plants:** The product can be mechanically separated.
- **General notes:**
Do not allow product to reach ground water, water course or sewage system.
Harmful to aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation:** Can be incinerated in accordance with local and national regulations.

(Contd. on page 4)

GB