

MATERIAL SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: STABURAGS NBU 12/300 KP
Article Code: 017062
Synonyms: No information available
Chemical characterisation: Not applicable..

Supplier:
Klüber Lubrication North America L.P.
32 Industrial Drive
Londonderry, NH 03053
(603) 647-4104
Fax (603) 647-4106

Emergency telephone number CHEMTREC: 1-800-424-9300 International: (703) 527-3887

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS-No | ACGIH (TWA mg/m ³): | OSHA (TWA mg/m ³): |
|---------------------|--------|---------------------------------|--------------------------------|
| Mineral oil | | 5 (oil mist) | 5 (oil mist) |
| Barium complex soap | | None | None |

3. HAZARDS IDENTIFICATION

Properties affecting health: Harmful if swallowed

Principle routes of exposure: Skin.

Skin contact: Prolonged skin contact may cause skin irritation and/or dermatitis..

Eye contact: Contact with eyes may cause irritation.

Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion: Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.

Skin contact: Rinse with plenty of water. If skin irritation persists, call a physician.

Eye contact: Flush eye with water for 15 minutes. If symptoms persist, call a physician.

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| Inhalation: | Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. If symptoms persist, call a physician. |
| Ingestion: | Do not induce vomiting. Consult a physician. |
| Notes to physician: | Treat symptomatically. |

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO₂), Dry chemical, Dry sand, Water spray mist or foam

Extinguishing media which must not be used for safety reasons:

Do not use a solid water stream as it may scatter and spread fire.

Special protective equipment for firefighters:

In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus. Standard procedure for chemical fires.

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| Specific hazards: | Burning produces irritant fumes In the event of fire and/or explosion do not breathe fumes |
| Unusual hazards: | No hazards resulting from the material as supplied |
| Specific methods: | Water mist may be used to cool closed containers. Standard procedure for chemical fires. |
| Flash point: | Not applicable. |
| Autoignition temperature: | Not determined.. |
| Flammability Limits in Air: | |
| Lower | No information available |
| Upper | No information available |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions: | Contaminated surfaces will be extremely slippery. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. |
| Environmental precautions: | Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. |
| Methods for cleaning up: | Scrape-up. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly. |

7. HANDLING AND STORAGE

Handling

Technical measures/precautions:

Safe handling advice:

No special technical protective measures required. Spilling onto the container`s outside will make container slippery. Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Storage

Technical measures/storage conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labelled containers. Keep out of reach of children.

Incompatible products:

Oxidising and spontaneously flammable products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas..

Personal Protective Equipment

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| Respiratory protection: | No personal respiratory protective equipment normally required. |
| Hand protection: | Preventive skin protection |
| Skin and body protection: | Usual safety precautions while handling the product will provide adequate protection against this potential effect.. |
| Eye protection: | Avoid contact with eyes.. |
| Hygiene measures: | Avoid contact with skin, eyes and clothing. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|----------------|----------------------------|--------------------------|
| Physical State: | Grease | Appearance: | Paste |
| Color: | Brown | Odor: | Not significant |
| Specific gravity: | ~ 0.97 | Boiling point/range | No information available |
| Evaporation rate: | Not determined | Vapor density: | Not determined |
| Vapor pressure: | Not determined | Solubility: | Insoluble. |

10. STABILITY AND REACTIVITY

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| Stability: | No hazards to be especially mentioned |
| Polymerization: | Hazardous polymerisation does not occur. |
| Hazardous decomposition products: | None under normal use |
| Materials to avoid: | Strong oxidising agents. |
| Conditions to avoid: | Heat, flames and sparks.. |

11. TOXICOLOGICAL INFORMATION

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| Acute toxicity: | Mineral oil: LD50 > 3,000 mg/kg (dermal, rabbit) |
|------------------------|--|

12. ECOLOGICAL INFORMATION

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| Mobility: | No information available. |
| Bioaccumulative potential: | No information available. |
| Ecotoxicity effects: | No data available. |
| Aquatic toxicity: | No information available |

13. DISPOSAL CONSIDERATIONS

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| Waste from residues / unused products: | In accordance with local and national regulations. |
| Contaminated packaging: | Empty containers should be taken for local recycling, recovery or waste disposal |

14. TRANSPORT INFORMATION

DOT

14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

TDG (Canada)

IMO / IMDG

Proper shipping name: Not regulated

ICAO

IATA

Proper shipping name: Not regulated

15. REGULATORY INFORMATION

TSCA

TSCA: Listed in TSCA

U.S. Regulations:

Mineral oil

MARTK: Listed.

NJRTK: Substance no. 1437 Listed.

Substance no. 4004 Listed.

PARTK: Listed.

RIRTK: Listed.

ILRTK: Listed.

Barium complex soap

SARA 313 Threshold: Barium compound (20 - 30%)

Sara (311, 312) hazard class:

Canada

WHMIS hazard class:

Not determined

16. OTHER INFORMATION

NFPA Health: 1 Flammability: 1 Instability: 0

HMIG Health: 1 Flammability: 1 Reactivity: 0

Reason for revision: Not applicable
Prepared by: Health & Safety

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