



Material Safety Data Sheet

Product name: **STABURAGS NBU 8 EP (#017105)**

Date: September 7, 2004

Replaces: March 11, 2003

Page: 1 of 3

Section 1 - Product and Company Identification

Company: Klüber Lubrication North America L.P.

32 Industrial Drive

Londonderry, N.H. 03053

Phone: (603)647-4104

Fax: (603)647-4105

Emergency telephone no.: 1-800-424-9300 (Chemtrec)

Product Use: Rolling bearing, high pressure grease

Section 2 - Composition/Information on Ingredients

Ingredient	wt.%	TLV	PEL
Mineral oil	Proprietary	5 mg/m ³ (Oil mist)	5 mg/m ³ (Oil mist)
Barium soap thickener	<40	N/Ap	N/Ap

Section 3 - Hazards Identification

Eye Contact: May cause mild irritation upon immediate contact.

Skin contact: Prolonged or repeated contact may cause the removal of skin oils, possibly leading to irritation or dermatitis.

Inhalation: Not applicable under conditions of normal use. However, if product is heated beyond conditions of normal use, it may create a hazardous environment.

Ingestion: No acute or chronic effects expected. If swallowed, may cause irritation of the digestive tract.

Section 4 - Emergency and First Aid Procedures

After contact with eyes: Flush eyes with plenty of water for 15 minutes. If irritation persists, or if an infection develops, seek medical attention.

After contact with skin: Wash off with soap and plenty of water. Apply skin cream if necessary. Seek medical attention if irritation or infection occurs. Remove contaminated clothing and wash before reuse.

After inhalation: Not applicable under normal conditions of use. If product is heated beyond intended use and overexposure results, remove victim to fresh air. Seek medical attention if necessary.

After ingestion: If large amounts are swallowed, do not induce vomiting. Seek medical attention.

Advice to doctor: Treat symptomatically.

Section 5 - Exposure Controls

Eye protection: Wear safety glasses. Do not wear contact lenses when working with chemicals.

Hand protection: Wear chemical-resistant gloves.

Body protection: Wear clean, body-covering clothing to minimize dermal exposure.

Ventilation: Under normal conditions of use, no special ventilation is required. If product will be heated beyond conditions of normal use, use local ventilation.

Respiratory protection: No special respiratory protection is required. However, if product is overheated beyond conditions of normal use, wear the appropriate NIOSH-approved respiratory protection.

Other protection measures: Safety showers, eye wash fountains, and washing facilities should be readily available.

Section 6 - Fire Fighting Measures

Flash point: > 200°C (Base Oil)

Lower explosion limit: N/Ap

Upper explosion limit: N/Ap

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Page: 2 of 3

Extinguishing media: Water spray, foam, dry powder, carbon dioxide (CO₂)

Unusual fire and explosion hazards: Empty metal containers retain product residue. Do not pressurize, cut, weld, drill, solder or expose container to heat, flame, sparks, or other sources of ignition: it may explode, causing serious injury or death.

Special fire Fighting Procedures: Use self-contained breathing apparatus for enclosed or confined spaces or as otherwise needed. Cool fire exposed areas and equipment.

Section 7 - Accidental Release Measures

If product leaks or is inadvertently spilled, remove ignition sources and isolate surrounding spill area with the proper containment system to prevent the spill from reaching waterways. Add absorbent and soak up the product. Collect product and absorbent, place in a chemical waste container for proper disposal.

Section 8 - Handling and Storage

Avoid contact with skin and remove soiled or soaked clothing. Wash hands with soap and water before eating, drinking, and/or smoking. Clean skin thoroughly after work and if necessary, apply skin cream.

Store product under normal temperature and pressure.

Store product away from heat sources and food products.

Section 9 - Physical and Chemical Properties

Drop Point (°C): > 220 °C DIN ISO 2176

Vapor Pressure (mm Hg.): N/Ap

Solubility in Water: Insoluble

Specific gravity (H₂O = 1): 0.99

Evaporation rate (ether = 1): N/Ap

Appearance and odor: Light-brown paste with a neutral odor

Section 10 - Stability and Reactivity

Stability: Stable

Conditions to avoid: Open flames and other sources of heat.

Materials to avoid: Strong oxidizers, such as pure oxygen.

Hazardous decomposition products: Fumes, smoke, carbon monoxide and carbon dioxide

Hazardous polymerization: Will not occur

Section 11 - Toxicological Information

Acute: N/Av for the product.

Chronic: N/Av for the product.

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Page: 3 of 3

Section 12- Disposal Considerations

Under RCRA, it is the user's responsibility to determine, at the time of disposal, whether the product meets any of the criteria for a hazardous waste defined in 40 CFR 261 Subpart C. This product contains <40% of a barium compound and it may be considered RCRA hazardous waste (D005).

TCLP Test (Barium results-mg/l): 10.0 mg/l

Section 13- Transportation Information

Proper Shipping Name	Hazard Class or Division	UN ID	Packing Group
N/Ap – Not a Dangerous good			

Section 14 – Regulatory Information

All product components comply with all applicable rules and orders under the Toxic Substance Control Act (TSCA).

All product components are on the Canadian Domestic Substances List (DSL) or the Non-Domestic Substance List (NDSL).

WHMIS (SIMDUT) Classification: D2B

Barium compounds are subject to the release reporting requirements under SARA Title III, Section 313.

Section 15 - Additional Information

HMIS Rating: Health -1 Flammability - 1 Reactivity - 0 Personal Protection - B

Unk. = Unknown N/Ap = Not Applicable N/Av = Not Available ~ = Approximately
