

MATERIAL SAFETY - D A T A SHEET

04 Klüber Lubrication North America, Inc.
Wentworth Avenue
Londonderry, NH 03063
Tel. (603) 434-7704
Fax. (603) 434-8046



1. PRODUCT INFORMATION AND USE:

24 Hour Emergency Phone:
CHEMTREC 1-800-424-9300

Product Name: **ISOFLEX** NCA 15
Product Use: **Lubricating** g-rcase

Article n. 004180

2. HAZARDOUS INGREDIENTS:

not applicable

WT PCT:
(APPROX.)

EXPOSURE LIMITS:
TLV - PPM

3. OTHER INGREDIENTS:

ester oil	n/ap
mineral oil	n/ap
calcium soap thickener	n/ap

4. PHYSICAL DATA:

Boiling point (C):	n/ap
Vapor Pressure (mm Hg.):	n/ap
Vapor density (air = 1):	n/ap
Solubility in water:	insoluble
Specific gravity (H ₂ O = 1):	0.82
Evaporation rate (ether = 1):	n/ap
Appearance and odor:	beige, creamy, neutral odor

5. FIRE AND EXPLOSION HAZARD DATA:

Flash Point: Not applicable Method Used: ASTM D 92
Flammable limits: **n/av** LFL: UFL:
Extinguishing Media: -Foam, carbon dioxide, dry chemical and water fog.
Special fire fighting procedures: Use self-contained breathing apparatus for enclosed or confined spaces or as otherwise needed. Do not use direct stream of water, material may float and reignite.
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.

6. TOXICOLOGICAL PROPERTIES:

Eye Contact: May cause mild irritation on direct contact.
Skin contact: Prolonged or repeated contact may cause the removal of skin oils, possibly leading to irritation or **dermatitis**.
Inhalation: Not expected to be a problem under normal conditions of use.
Ingestion: No acute or chronic effects expected. **If swallowed**, may cause irritation of the digestive tract.

7. EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with large amounts of water. Seek medical attention if irritation or redness persists.
Skin: Wash exposed areas with soap and water. Remove contaminated clothing. Seek medical attention if irritation or infection occurs.
Inhalation: Not applicable.
Ingestion: If large amounts are swallowed, do not induce vomiting. Get medical attention.

MATERIAL SAFETY DATA SHEET

Klüber Lubrication North America, Inc.
64 Wentworth Avenue
London, NH 03053
Tel. (603) 434-7704
Fax. (603) 434-8046



PRODUCT NAME: ISOFLEX NCA 15

Page 2

8. REACTIVITY DATA:

Stability (thermal, light, etc): Stable

Conditions to avoid: Direct contact with open flames

Incompatibility (materials to avoid): Strong oxidizers, such as pure oxygen.

Hazardous decomposition/incomplete combustion products: Fumes, smoke, carbon monoxide and carbon dioxide

Hazardous polymerization: Will not occur.

9. PREVENTIVE MEASURES:

Steps to be taken in case material is released or spilled: Scoop up material and add absorbant if necessary.

Collect product and absorbant, place in a chemical waste container. Keep product out of waterways.

Eye protection: Safety goggles recommended.

Skin protection: Protective gloves recommended.

Respiratory protection: Not necessary.

Ventilation: Under normal conditions of use, no special ventilation is required.

Handling and storing: Avoid prolonged or repeated contact with skin. Wash hands with soap and water prior to eating, drinking and smoking.

10. ENVIRONMENTAL AND REGULATORY CONTROLS:

Waste disposal method: Recovered lubricant must be disposed of or **reclaimed** in compliance with all federal, state and local regulations. Under RCRA, it is the responsibility of the **user** of products to determine, at the time of disposal, whether the product meets any of the **criteria** for a hazardous waste. Conditions of use may render the spent product as hazardous, under the criteria for characteristics of hazardous waste under EPA CFR 40, 261.20.

Not hazardous by D.O.T. regulations.

11. PREPARATION INFORMATION:

Prepared by: Klüber Lubrication North America L.P.

Date of Preparation: Update: February 1995