SAFETY DATA SHEET

In accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200)

Product Name:	Kluber RT-15 (Klübertemp GR RT 15 N)
Product Number:	RT-15 / Article 090223
Revision Date:	November 9, 2026
Version:	2.0

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product Name: Kluber RT-15 (Klübertemp GR RT 15 N)

Product Code / Article No.: RT-15 / 090223

Synonyms: Fomblin RT-15 (former name), PFPE grease, PTFE-thickened perfluoropolyether grease

1.2 Relevant Identified Uses and Restrictions

Recommended Use: High-temperature lubricant for vacuum systems, mechanical components, seals, and applications exposed to aggressive media. Suitable for temperatures from -20°C to 250°C (-4°F to 482°F).

Restrictions on Use: Restricted to professional / industrial users. Not for consumer use.

1.3 Details of the Supplier of the Safety Data Sheet

Supplier / Distributor:

Conquest West Inc.

1415 Industrial Way, Unit K

Gardnerville, NV 89410

United States

Phone: (775) 783-4182

Email: conqst76@gmail.com

Website: https://www.vacuumpumpoil.net

Manufacturer:

Klüber Lubrication NA LP

9010 CR 2120, Tyler, TX 75707 / 32 Industrial Drive, Londonderry, NH 03053

Email: mcm@us.kluber.com

1.4 Emergency Telephone Number

Emergency: (775) 783-4182 (business hours) or CHEMTREC 1-800-424-9300 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification

GHS Classification in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200):

Not a hazardous substance or mixture.

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard.

2.2 Label Elements

No hazard pictograms, signal word, or hazard statements required.

No precautionary statements required.

2.3 Other Hazards

None known under normal conditions of use.

Thermal decomposition above approximately 280°C may form toxic fluorine-containing pyrolysis products (e.g., hydrogen fluoride).

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Chemical Nature: Perfluorinated polyether oil (PFPE) thickened with polytetrafluoroethylene (PTFE).

Component	CAS No.	Concentration (% w/w)
Perfluorinated polyether oil (PFPE)	Proprietary / Trade secret	70 – 90
Polytetrafluoroethylene (PTFE) Ethylene, tetrafluoro-, polymer	9002-84-0	10 – 30 (Trade secret)

Actual concentrations are withheld as trade secrets. No hazardous ingredients requiring disclosure under OSHA HazCom.

SECTION 4: FIRST AID MEASURES

If Inhaled: Remove person to fresh air. Keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Get medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, get medical attention.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If irritation persists, consult a physician.

If Swallowed: Do not induce vomiting without medical advice. Rinse mouth. Seek medical attention if discomfort occurs.

Most Important Symptoms: None known under normal use. Mild irritation possible with prolonged contact.

Notes to Physician: Treat symptomatically. In case of thermal decomposition, monitor for fluorine-related effects.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: High-volume water jet.

Hazardous Combustion Products: Carbon oxides, halogenated compounds. Above ~280°C: toxic fluorine-containing pyrolysis products (including hydrogen fluoride).

Special Protective Equipment: Wear self-contained breathing apparatus and full protective gear. Exposure to decomposition products may be hazardous.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate unnecessary personnel. Avoid breathing aerosols or dust. Use personal protective equipment as required.

Environmental Precautions: Prevent entry into drains, water courses, or soil. Inform authorities if significant spill cannot be contained.

Methods for Cleaning Up: Sweep or vacuum promptly. Collect in suitable closed containers for disposal. Wash area with soap and water after cleanup.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid formation of aerosols. Do not eat, drink, or smoke in work areas. Wash hands thoroughly after handling. Use only in well-ventilated areas.

Conditions for Safe Storage: Store in original container, tightly closed, in a cool, dry, well-ventilated place. Keep away from incompatible materials. Store in accordance with local regulations. Shelf life: minimum 5 years unopened under proper conditions.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: Contains no substances with established occupational exposure limits.

Engineering Controls: General ventilation is normally adequate. Provide local exhaust if aerosols or decomposition products may be generated.

Personal Protective Equipment:

• Eye/Face: Safety glasses with side shields.

• Skin/Hands: Nitrile rubber gloves (breakthrough time >10 min). For prolonged contact, use gloves with longer breakthrough times. Consult glove manufacturer.

• Respiratory: Not normally required. Use filter type P if aerosols form.

• Hygiene: Wash face, hands, and exposed skin thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White paste / homogeneous grease
Odor	Characteristic / essentially odorless
pH	Not applicable
Melting / Boiling Point	No data available
Flash Point	Not applicable (will not burn)
Flammability	Will not burn
Vapor Pressure	< 0.001 hPa at 20°C (extremely low)
Relative Density	Approx. 1.90 – 1.96 g/cm³ at 20°C
Water Solubility	Insoluble
Decomposition Temperature	> 280°C (danger of toxic fluorine products)
Explosive Properties	Not explosive
Service Temperature	-20°C to 250°C (-4°F to 482°F)
NLGI Grade	2

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No special hazards under normal conditions.

Chemical Stability: Stable under recommended storage and handling conditions.

Possibility of Hazardous Reactions: None known under normal use.

Conditions to Avoid: Temperatures above approximately 280°C (thermal decomposition).

Incompatible Materials: Strong oxidizing agents, alkali metals, finely divided metals at elevated temperatures.

Hazardous Decomposition Products: At temperatures >280°C: toxic fluorine-containing pyrolysis products (hydrogen fluoride, carbonyl fluoride, etc.).

SECTION 11: TOXICOLOGICAL INFORMATION

This product is not classified as hazardous based on available data.

Acute Toxicity: Not expected to be acutely toxic by oral, dermal, or inhalation routes under normal conditions.

Skin Corrosion/Irritation: Not expected to be irritating. Prolonged contact may cause mild discomfort.

Serious Eye Damage/Irritation: May cause mild, temporary irritation.

Respiratory or Skin Sensitization: Not expected.

Germ Cell Mutagenicity / Carcinogenicity / Reproductive Toxicity: No data indicating concern. PTFE is not classified as carcinogenic by IARC.

Specific Target Organ Toxicity: None known under normal use.

Aspiration Hazard: Not applicable (paste).

SECTION 12: ECOLOGICAL INFORMATION

No specific ecotoxicity data available. The product is insoluble in water and not expected to be mobile or bioaccumulative in significant quantities. Avoid release to the environment.

Persistence and degradability: Not readily biodegradable (fluorinated materials).

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with local, state, and federal regulations. Do not allow to enter drains or waterways. Empty containers may retain product residue.

SECTION 14: TRANSPORT INFORMATION

Not regulated as a dangerous good for transport by road (DOT), air (IATA), or sea (IMDG).

UN Number: Not applicable

Proper Shipping Name: Not applicable

SECTION 15: REGULATORY INFORMATION

US Federal:

• TSCA: All components are listed or exempt.

• SARA 302/304: No extremely hazardous substances.

• SARA 311/312: Not classified as hazardous.

• SARA 313: No reportable components.

• California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

NSF: H2 approved for incidental food contact applications (per manufacturer data).

SECTION 16: OTHER INFORMATION

Disclaimer: This Safety Data Sheet is provided by Conquest West Inc. as a distributor of the product. Information is based on the manufacturer's Safety Data Sheet (Klüber Lubrication) and is believed to be accurate as of the revision date. Conquest West Inc. makes no warranty, express or implied, regarding the completeness or accuracy of this information. Users are responsible for determining suitability for their particular purpose and for compliance with applicable regulations.

The only legally binding SDS is that supplied by the manufacturer with the product. This document is for informational purposes to support safe handling by customers of Conquest West Inc.

Prepared for: Conquest West Inc. customers

Date of Preparation: November 9, 2026

Sources: Klüber Lubrication SDS for Klübertemp GR RT 15 N (Rev. 2021 and subsequent); product technical data.