

Material Safety Data Sheet according to 1907/2006/EC, Article 31

1 Identification of the Substance/Preparation and Company/Undertaking

ProtoKlenz GT. Gas Turbine Compressor Cleaner. Water Based. Product Code 7501.
Company name: **MINCO UK LTD**
The White House, Mill Road, Goring-on-Thames, Berks, RG8 9DD, United Kingdom

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2 Hazards Identification

Labelling per EC Directives: IRRITANT

Information concerning particular hazards for human and environment:

R41 Risk of serious damage to eyes.

Classification system: this classification is according to the EU-Lists and extended by company and literature data.

3 Composition/Information on Ingredients

Contains amongst other ingredients that are not classified as hazardous:

Contains	CAS	EINECS	Health	Risk	Conc%
Iso-Decanol, Alkoxylated	166736-08-9	Not Known	Xn	22 38 41	15-30

4 First Aid Measures

General Advice: remove contaminated clothing, launder before wearing again.

Skin Contact: wash with soap and water. Should irritation persist, seek medical advice.

Contact with Eyes: wash affected eyes for at least 15 minutes under running water with eyelids held open, should irritation persist, seek medical

advice.

Inhalation: not considered as hazardous in normal use. Ensure adequate ventilation. Any users showing signs of dizziness should be removed to fresh air and kept at rest.

Ingestion: wash out mouth with water. Give water to drink. Do not induce vomiting. Seek immediate medical attention.

5 Fire Fighting Measures

Suitable Extinguishing Media: water, carbon dioxide, foam, dry powder.

Hazardous Combustion Products: incomplete combustion may produce carbon monoxide and other toxic gases.

Special Protective Equipment: no special protection equipment is required, wear protective equipment appropriate to the surrounding fire.

Further Information: contaminated extinguishing water must be disposed of in accordance with local regulations.

6 Accidental Release Measures

Personal Precautions: pick up spillages immediately as product renders floors slippery.

Environmental Precautions: prevent contamination of surface and ground water.

Methods of Cleaning

Small Spills: should be washed away with water.

Large Spills: absorbed with sand or collected for disposal. Observe national and local regulations.

7 Handling and Storage

Handling: avoid skin contact.

Storage: store in a cool dry place. Prevent from freezing. Keep containers tightly sealed when not in use. Product does not require a store class

symbol (VCI-Konzept). Unopened drums may be stored for up to 3 years, subject to following these storage conditions.

8 Exposure Controls/Personal Protection

Ingredients with limit values that require monitoring at the workplace: the product does not contain any relevant quantities of materials that require to be monitored in the workplace according to EH40 (UK).

Personal Protection Respiratory: none required under normal conditions.

Hand Protection: wear rubber gloves.

Eye/face: use safety glasses/goggles.

9 Physical and Chemical Properties

Appearance	Colourless clear liquid
Odour	Characteristic ethereal
Boiling Point	100° C
Freezing Point	Approx -5° C
Density (25°C)	0.96 - 1.01 g/cc
Flash Point	None to boiling
Solubility	Completely soluble in water
PH (25°C)	6.5 - 7.5

10 Stability and Reactivity

Stability: stable.

Hazardous Decomposition Products: stable liquid at normal temperature conditions, therefore will produce no hazardous decomposition products.

Materials to Avoid: oxidising agents.

Hazardous Polymerisation: no.





11 Toxicological Information

Based on the ingredients of this composition and their concentrations, according to the conventional method of EEC Directive 1999/45/EC this product is classified as:

Risk of serious eye damage.

Ingestion: LD50(Oral Rat)>4000mg/Kg.

Inhalation: may cause irritation.

Skin Contact: may cause irritation after prolonged contact.

Eye Contact: irritant. Risk of serious damage to eyes.

12 Ecological Information

Elimination Information: material will not bioaccumulate OECD 117. Material is readily biodegradable. OECD 301 - 28 days.

Ecotoxicity:

Toxicity to Algae: (Skeletonema Costatum), 10-100 mg/l, EC50, 72 Hr.

Toxicity to Crustacea: (Acartia Tonsa), 10-100 mg/l, LC50, 48 Hr.

Toxicity to Amphipod: (Corophium Volutator), >1000 mg per day Kg Sediment LC50 10 day.

AOX: this preparation contains no organically bound halogen.

WGK-1: slight hazard.

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13 Disposal Considerations

(For disposal - see Accidental Release Measures Section 6)

Product: is biodegradable and will not affect bio treatment plants and is deemed suitable for controlled disposal at sea and into water sewage or waterways, providing this is in accordance with local regulations.

Packaging: uncontaminated packing can be re-used. Packing that cannot be cleaned should be disposed of by incinerator, controlled dumping or certified disposal contractor. Care should be taken to ensure compliance with EC, national and local regulations.

14 Transport Information

Not classified as hazardous for transportation.

UN No.	None	
Road/Rail	ADR/RID	Not Regulated
Inland Waterway	AND/ADNR	Not Regulated
Sea Transport	IMO/IMDG/GGVSEE	Not Regulated
Air Transport	ICAO/IATA	Not Regulated

15 Regulatory Information

Classification according to EU guidelines



IRRITANT

Xi Irritant

Risk Phrases

R41 Risk of serious damage to eyes.

Safety Phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

Other Regulations

Classification has been made under Chemicals Hazard Information Packaging Regulations (C.H.I.P) United Kingdom.

This product should be considered when making an assessment under UK Control of Substances Hazardous to Health Regulations (C.O.S.H.H.) and amendments, United Kingdom.

ISO 9001:2008 QA System.

Germany: UBA No. 3925001.

Denmark: Arbejdstilsynet PR-nr. 2176107.

16 Other Information

Other R-phrases used in Section 3:

R 22 Harmful if swallowed.

R 38 Irritating to skin.

The information contained herein is based on the present state of our knowledge but no warranty expressed or implied is made. Recipients of our products must take responsibility for observing existing laws and regulations.

The product is registered with the National Poisons Information Service (NPIS). Emergency information can be obtained from National Poisons Information Service (NPIS), City Hospital, Dudley Road, Birmingham B18 7QH, United Kingdom. Tel: 0121 507 55 88. E-mail: rkealey@npis.org tkealey@npis.org

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Revision Date 06 August 2009
Version No. V-24