

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 09.11.2009

Revision: 29.09.2009

1 Identification of substance:

- **Product details:**
- **Trade name:** **K44 84382**
- **Article number:** 84382
- **Application of the substance / the preparation** Grease
- **Manufacturer/Supplier:**
Barnes Group KENT Limited
Pitreavie Crescent
Pitreavie Business Park
Dunfermline
Fife
KY11 8UQ
Tel: 01383 737393
Fax: 01383 620079
- **Informing department:** Product Safety Department
- **Emergency information:** fullertonj@kenturope.com

2 Hazards identification

- **Hazard designation:** Not applicable.
- **Information pertaining to particular dangers for man and environment ?**
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **GHS label elements**
Safety data sheet available on request.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:**
Mixture of the substances listed below with harmless additions.
This product is classified as not hazardous

Dangerous components:

CAS: 67-56-1	methanol	T, F; R 11-23/24/25-39/23/24/25	<1.0%
EINECS: 200-659-6		Danger: 2.6/2; 3.1.O/3, 3.1.D/3, 3.1.I/3; 3.8/1	

4 First aid measures

- **General information** No special measures required.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents**
Carbon dioxide
Foam
Fire-extinguishing powder
Sand
- **Protective equipment:** Wear self-contained breathing apparatus.

GB

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 09.11.2009

Revision: 29.09.2009

Trade name: K44 84382

(Contd. of page 1)

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Do not allow to enter drainage system, surface or ground water.
Inform respective authorities in case product reaches water or sewage system.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed containers.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

Components with limit values that require monitoring at the workplace:

methanol

WEL	Short-term value: 333 mg/m ³ , 250 ppm
	Long-term value: 266 mg/m ³ , 200 ppm
	Sk

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:**
Not required.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Body protection:** Use protective suit.

9 Physical and chemical properties:

General Information

Form:	Pasty
Colour:	Opaque
Odour:	Odourless

Change in condition

Melting point/Melting range:	Not determined
-------------------------------------	----------------

(Contd. on page 3)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 09.11.2009

Revision: 29.09.2009

Trade name: K44 84382

(Contd. of page 2)

Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Ignition temperature:	>400°C
Decomposition temperature:	>250°C
Self-inflammability:	Product is not selfigniting.
Danger of explosion:	Product is not explosive.
Vapour pressure at 20°C:	<2 hPa
Density at 20°C	1.000 g/cm ³
Solubility in / Miscibility with Water:	Unsoluble

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** Small quantities of formaldehyde may be formed

11 Toxicological information

Acute toxicity:

LD/LC50 values that are relevant for classification:

methanol

Oral LD50 13000 mg/kg (rat)

Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.

· **Sensitization:** No sensitizing effect known.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

Land transport ADR/RID (cross-border)

· **ADR/RID-GGVS/E Class:** n/a

Maritime transport IMDG:

· **IMDG Class:** n/a

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 09.11.2009

Revision: 29.09.2009

Trade name: K44 84382

(Contd. of page 3)

- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** n/a
- **UN "Model Regulation":** n/a

15 Regulatory information

- **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **Special designation of certain preparations:**
Safety data sheet available for professional user on request.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**
11 Highly flammable.
23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
- **Department issuing data specification sheet:** Environment protection department.
- **Contact:** Marketing Department
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
- **Data compared to the previous version altered.** Chapters (all)

GB