

BASILDON CHEMICAL COMPANY LIMITED

SAFETY DATA SHEET

BC 99/030 (polydimethylsiloxane with alkyl groups)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME BC 99/030 (polydimethylsiloxane with alkyl groups)
SUPPLIER Basildon Chemical Company
Limited
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2 COMPOSITION/INFORMATION ON INGREDIENTS

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4 FIRST-AID MEASURES

INHALATION

Not relevant.

INGESTION

Drink a few glasses of water or milk. Do not induce vomiting.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Rinse with water. Contact physician if discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Extinguish with dry sand.

PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Avoid discharge onto the ground.

SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. For waste disposal, see section 13. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Transfer to a container for disposal. Do not close container tightly. Risk of excess pressure build-up.

7 HANDLING AND STORAGE

BC 99/030 (polydimethylsiloxane with alkyl groups)**USAGE PRECAUTIONS**

Provide good ventilation. Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. In case of spills, beware of slippery floors and surfaces.

STORAGE PRECAUTIONS

Keep in original container. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**RESPIRATORY EQUIPMENT**

Respiratory protection not required.

HAND PROTECTION

Use protective gloves made of: Butyl rubber. Nitrile.

EYE PROTECTION

Wear approved safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Wax		
COLOUR	White / off-white		
ODOUR	Slight odour		
SOLUBILITY	Slightly soluble in water.		
MELTING POINT (°C)	~ 30	BULK DENSITY	~ 860 kg/m ³
VISCOSITY	~ 400 mPas 50°C	FLASH POINT (°C)	~ 200
AUTO IGNITION TEMPERATURE (°C)	~ 245		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Not relevant.

MATERIALS TO AVOID

Amides. Strong acids. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 ~ 2000 mg/kg (oral rat)

GENERAL INFORMATION

No specific health warnings noted.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No negative effects on the aquatic environment are known.

MOBILITY

The product is insoluble in water.

BIOACCUMULATION

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

DEGRADABILITY

The product is not biodegradable.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste is suitable for incineration. The packaging must be empty (drop-free, when inverted)

BC 99/030 (polydimethylsiloxane with alkyl groups)**DISPOSAL METHODS**

Incinerate in suitable combustion chamber.

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
ROAD TRANSPORT NOTES	Not Classified
RAIL TRANSPORT NOTES	Not Classified.
SEA TRANSPORT NOTES	Not Classified.
AIR TRANSPORT NOTES	Not Classified.

15 REGULATORY INFORMATION

RISK PHRASES	NC	Not classified.
SAFETY PHRASES	S25	Avoid contact with eyes.

16 OTHER INFORMATION

REVISION DATE	16/02/2007
REV. NO./REPL. SDS GENERATED	5

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.