

BASILDON CHEMICAL COMPANY LIMITED

SAFETY DATA SHEET BC 83/132 (methylhydrogen silicone fluid)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	BC 83/132 (methylhydrogen silicone fluid)
SUPPLIER	Basildon Chemical Company Limited Kimber Road Abingdon Oxon OX14 1RZ ENGLAND T:+44 (0)1235 526677 F:+44 (0)1235 524334 W:www.baschem.co.uk
EMERGENCY TELEPHONE	+44 (0) 1235 526677 (8.30am - 5.00pm Mon - Fri)

2 HAZARDS IDENTIFICATION

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

ENVIRONMENT

The product is not expected to be hazardous to the environment.

PHYSICAL AND CHEMICAL HAZARDS

The product may form explosive vapours/air mixtures even at normal room temperatures.

3 COMPOSITION/INFORMATION ON INGREDIENTS

4 FIRST-AID MEASURES

INHALATION

No recommendation given.

INGESTION

Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for 30 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Foam. Carbon dioxide (CO₂). Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

SPECIFIC HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. In case of fire, toxic gases may be formed. Dust may form an explosive mixture in the atmosphere.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

BC 83/132 (methylhydrogen silicone fluid)

PERSONAL PRECAUTIONS

Eye contact MUST be prevented by means of suitable personal protection equipment.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains.

SPILL CLEAN UP METHODS

Dam and absorb spillages with sand, earth or other non-combustible material. Absorb in vermiculite, dry sand or earth and place into containers. Do not close container tightly. Risk of excess pressure build-up. Wash contaminated area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Provide good ventilation. Static electricity and formation of sparks must be prevented.

STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Store away from Oxidising material. Alkalies. Suitable containers Suitable plastic material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Provide eyewash station.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid		
COLOUR	Colourless		
ODOUR	Almost odourless		
SOLUBILITY	Insoluble in water Miscible with Acetone Alcohol Ether.		
VAPOUR PRESSURE	< 0.01 kPa 20	DECOMPOSITION TEMPERATURE (°C)	> 200
FLASH POINT (°C)	130 - 145 CC (Closed cup).	AUTO IGNITION TEMPERATURE (°C)	~ 400

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

MATERIALS TO AVOID

Strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen. Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

12 ECOLOGICAL INFORMATION

BC 83/132 (methylhydrogen silicone fluid)

MOBILITY

The product contains substances, which may accumulate in sediment.

BIOACCUMULATION

Accumulates in soil and sediment. The product is not bioaccumulating.

DEGRADABILITY

The product is not biodegradable.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

SEA TRANSPORT NOTES	No transport warning sign required.		
	Not Classified.		
AIR TRANSPORT NOTES	FORBIDDEN		
ADR CLASS	Not classified for transportation.	MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

RISK PHRASES	NC	Not classified.
SAFETY PHRASES	S12	Do not keep the container sealed.
	S18	Handle and open container with care.
	S25	Avoid contact with eyes.

16 OTHER INFORMATION

REVISION DATE	09/02/2005
REV. NO./REPL. SDS GENERATED	1

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.