

BASILDON CHEMICAL COMPANY LIMITED**SAFETY DATA SHEET
Volatile Silicone Fluid 5****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME Volatile Silicone Fluid 5
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2 HAZARDS IDENTIFICATION**CLASSIFICATION (EC 1272/2008)**

Physical Not classified.
 Health Not classified.
 Environmental Not classified.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Decamethylcyclopentasiloxane	60-100%
CAS-No.: 541-02-6	EC No.: 208-764-9
CLASSIFICATION (67/548)	
-	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

4 FIRST-AID MEASURES**INHALATION**

Fresh air.

INGESTION

Not relevant.

EYE CONTACT

No recommendation given, but first aid may still be required in case of accidental exposure of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Small fires: Foam. Larger fires: Water spray, foam, dry powder or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

SPECIFIC HAZARDS

Fire or high temperatures create: Oxides of: Carbon.

PROTECTIVE MEASURES IN FIRE

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

Volatile Silicone Fluid 5**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid contact with eyes. Provide good ventilation. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Take precautionary measures against static discharges. Keep containers tightly closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
Decamethylcyclopentasiloxane		200 ppm		

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

No specific hand protection noted, but gloves may still be advisable.

EYE PROTECTION

Wear approved safety goggles.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Odourless		
SOLUBILITY	Insoluble in water		
MOL. WEIGHT	370	BOILING POINT (°C)	~ 210
MELTING POINT (°C)	~ -44	BULK DENSITY	~ 950 kg/m ³
VAPOUR PRESSURE	~ 0.015 kPa + 20°C	EVAPORATION RATE	< 1 (EtEt=1)
FLASH POINT (°C)	~ 77 PM Closed cup.	AUTO IGNITION	~ 390
		TEMPERATURE (°C)	
FLAMMABILITY LIMIT - LOWER(%)	~ 0.70	PARTITION COEFFICIENT (N-Octanol/Water)	~ 3.8 mm ² /s @ +25°C
VOLATILE ORGANIC COMPOUND (VOC)	~ 950 g/litre		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

When heated, toxic and corrosive vapours/gases may be formed.

11 TOXICOLOGICAL INFORMATION

Volatile Silicone Fluid 5**INHALATION**

No specific health warnings noted.

INGESTION

No specific health warnings noted.

SKIN CONTACT

Skin irritation is not anticipated when used normally.

EYE CONTACT

May cause temporary eye irritation.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product is not expected to be toxic to aquatic organisms.

BIOACCUMULATION

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

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

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

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). No transport warning sign required.
ROAD TRANSPORT NOTES	Not Classified
RAIL TRANSPORT NOTES	Not classified.
SEA TRANSPORT NOTES	Not classified.
AIR TRANSPORT NOTES	Not classified.
MARINE POLLUTANT	No.

15 REGULATORY INFORMATION**16 OTHER INFORMATION**

REVISION DATE	29/11/2010
REV. NO./REPL. SDS GENERATED	4
RISK PHRASES IN FULL	
NC	Not classified.

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.