

MATERIAL SAFETY DATA SHEET

Rev. No. : MMCPL/MSDS/C15/2005-2006
Rev. Dt. : 1 st September 2005

CARBOFOIL 250

- 1 Manufacturer** : **METACHEM MFG.CO.PVT.LTD**
8/20 Erandwana, Off Karve Road,
Pune - 411 004, Maharashtra, India
Tel.No.: 91 20 25439582, 25439583
Fax No: 91 20 25439581
www.metachem.in
- 2 Identification of the Product**
- Trade Name : CARBOFOIL- 250
Manufacturer : METACHEM MFG.CO.PVT.LTD
- 3 Information on Ingredients**
- Appearance & Odour : Black shining, Odourless
Specific Gravity : 0.5 to 0.65 gm/cc.
pH : 2 to 4
Rolling Point : NA
Boiling Point : NA
Flamable Limits : NA
Vapour Pressure : NA
Percent Volatile : NA
Hazardous Component(s) : None
Chemical type : Mineral
Impurities contributing to dangerous : Cristalline silica
- 4 Hazards Identification**
- Main Hazards : Inhalation of dust
Risk Phrases : Irritating to eyes and respiratory system
Adverse human health effects : This product is considered to be relatively harmless to humans
Environmental effects : This product is considered to be relatively harmless to the environment.
Physical and chemical hazards : None
Specific hazards : Pre-existing asthma, bronchitis, emphysema and other lung and respiratory ailments may be aggravated by overexposure to dust.

5 First Aid Measures

Emergency Medical Treatment	:	Generally not required
First Aid	:	
- Inhalation	:	Remove to fresh air
- Skin Contact	:	No special requirements, non irritant
- Eye Contact	:	Flush with water
- Ingestion	:	Give a glass of plain water and induce vomiting
Symptoms and effects	:	No typical symptoms or effects are known
Note to Physician	:	Consult Ophthalmologist

6 Fire-fighting Measures

General advice	:	Not flammable. No special firefighting procedures are required for this product.
Extinguishing media	:	
- Suitable	:	All extinguishing media can be used.
Protection for firemen	:	Use appropriate respiratory protection if local ventilation is inadequate.

7 Accidental release measures

Personal precautions	:	See Heading No.8
Environmental precautions	:	No special requirements
After spillage / leakage	:	
- on soil	:	Clean up mechanically
- on water	:	No special requirements
Disposal	:	Dispose in a safe manner in accordance with local/national regulations.

8 Handling and storage

Precautions in handling and storage	:	No Special requirements
Handling	:	Handle in accordance with good industrial hygiene and safety procedures.
Technical measures	:	No Special requirements
Advice for safe handling	:	Avoid formation of dust
Incompatible products storage	:	None
Suitable storage circumstances	:	Dry Warehouse
Storage - away from	:	Away from Electrical Equipment
Recommended packing materials	:	No Special requirements

9 Exposure controls / personal protection

Technical measures	:	Ventilate area
Personal protection	:	Handle in accordance with good industrial hygiene and safety procedures.
Respiratory protection	:	Use dust mask
Industrial hygiene	:	Do not eat, drink or smoke in the workplace. Keep the working area as clean and tidy as possible. Wash hand and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

10 Physical and chemical properties

Physical state	:	Solid
Form	:	Flake
Colour	:	Black
Odour	:	Odourless
pH value	:	2 to 4
Melting point (° C)	:	3600°C
Boiling point (° C)	:	Not established
Decomposition temperature (° C)	:	Not established
Flash point (° C)	:	Not applicable
Density	:	0.5 to 0.65 gm/cc
Vapour pressure (hPa)	:	Not applicable
Viscosity at 20°C (mPa.s)	:	Not applicable
Solubility in water (% weight)	:	None
Specific gravity	:	0.5 to 0.65 gm/cc
Auto-ignition temperature (° C)	:	Not established
Explosive properties	:	Not applicable
Log P octanol / water at 20°C	:	Not applicable
Evaporation rate	:	Zero
Oxidising properties	:	None
Specific conductivity (S/m)	:	Not established

11 Stability and reactivity

Hazardous reactions	:	None
Stability	:	Stable
Material to avoid	:	Strong acids, bases
Hazardous decomposition products	:	None

12 Toxicological information

Toxicity information	:	Health injuries are not known or expected under normal use.
Local effects	:	
- Inhalation	:	Pre-existing asthma, bronchitis, emphysema and other lung and respiratory ailments may be aggravated by overexposure to dust.

13 Ecological information

Ecotoxicity	:	There is no indication that this product presents any danger to the environment.
Toxicity information	:	No significant hazards.
Log P octanol / water at 20° C	:	Not applicable

14 Disposal considerations

Residues	:	Dispose in a safe manner in accordance with local/national regulations for land filling.
Contaminated packaging	:	Dispose in a safe manner in accordance with local/national regulations for land filling.

15 Transport information

ADR/RID	:	Not regulated
---------	---	---------------

16 Regulatory information

Trade name	:	CARBOFOIL- 250
EEC Labelling	:	Not classified
Symbol(s)	:	None
- Contains	:	Not applicable
R Phrase(s)	:	R36/37 - Irritating to eyes and respiratory system
S Phrase(s)	:	None
Basis of classification	:	Not applicable
Annex I nbr	:	Not classified

17 Other information

Number of revision of MSDS	:	See right hand top corner
Date of last revision MSDS	:	See right hand top corner
Print date MSDS	:	See revision date
Name editor	:	Metachem Mfg. Co. Pvt. Ltd.

DISCLAIMER OF LIABILITY : The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Approved By

PRC/03/F11/Ver1.0/1 st Sept. 2005