

# MATERIAL SAFETY DATA SHEET

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## C A B O F O I L E A T - 2 4 0 F

- 1 Manufacturer** : **METACHEM MANUFACTURING COMPANY PVT.LTD**  
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- 2 Identification of the Product**
- CAS No. : 90387-90-9  
Trade Name : CARBOFOIL EAT-240F  
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 : 6 to 8  
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 : Crystalline 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

## MSDS

|                      |   |                                                 |
|----------------------|---|-------------------------------------------------|
| - 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                        | : | 6 to 8          |
| Melting point (° C)             | : | 3600°C          |
| Boiling point (° C)             | : | Not established |
| Decomposition temperature (° C) | : | Not established |
| Flash point (° C)               | : | Not applicable  |

## MSDS

|                                 |   |                   |
|---------------------------------|---|-------------------|
| 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. |
| Oral LD <sub>50</sub> of graphite | : | > 5 g/kg in Rat                                                                                                               |

### 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

|           |   |                                |
|-----------|---|--------------------------------|
| Packing   | : | Water resistant leak proof bag |
| ADR/RID   | : | Not regulated                  |
| Labelling | : | Not regulated                  |

### 16 Regulatory information

|                         |   |                                                    |
|-------------------------|---|----------------------------------------------------|
| Trade name              | : | CARBOFOIL EAT-240F                                 |
| 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

## MSDS

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.

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**Approved By**

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