SAFETY DATA SHEET

Product name: DESULCO ™

1. Identification of the substance / preparation and of the company / undertaking

Product name: DESULCO ™

Uses: Recarburizer

Supplier / Manufacturer: Superior Graphite Europe

Box 13000
850 13 Sundsvall
Sweden

Emergency contact: +46 8 33 12 31

2. Hazards identification

This preparation is not regulated according to 67/548/EEC and 1999/45/EC European directives, their adaptations and annexes.

Inhalation of dust may result in irritation of mucous membranes.
Long-term inhalation may result in pneumoconiosis.

3. Composition / Information on ingredients

Chemical composition of the preparation: Coke (Petroleum), Calcined

Hazardous components which include the classification: None

Substances which have Community workplace exposure limits: Purified Carbon

CAS No: 64743-05-01 EINECS No: 265-210-9
Concentration: 100 %
SAFETY DATA SHEET

in accordance with the EC Directive 91/155/EEC modified

Page : 2/5
Revised : 2015-01-30
Version : 2.0
Product name: DESULCO™

4. First aid measures

Inhalation : Remove to fresh air area. If breathing becomes difficult, get medical attention.

Skin contact : Wash exposed skin with soap and water.
If irritation persists get medical attention.
Launder severely contaminated clothing before reuse.

Eye contact : Flush thoroughly with water for 15 minutes. Get medical attention.

Ingestion : Do not induce vomiting. Get medical attention.

5. Fire-fighting measures

Suitable extinguishing media : Water, carbon dioxide, foam or dry chemical.

Not to be use : None

Special risks : None

Special protective equipment for fire fighting : Wear NIOSH approved self contained breathing apparatus to fight a fire involving this material.

Other information :

6. Accidental release measures

Person-related precautionary measures : Individual protections: see chapter 8

Procedures for cleaning / absorption :
Carefully sweep up material and wash floor with soap and water.
Containerize for solid waste disposal.

Environmental protection measures :
Do not allow material to enter storm or sanitary sewers, groundwater or soil.
Releases may be reportable to local, state or federal authorities. Consult federal, state or local regulatory requirements for more information.
SAFETY DATA SHEET

Product name: DESULCO™

7. Handling and storage

Handling: Keep containers tightly closed when not in use.

Deculco causes slippery conditions.

Deculco, being conductive, can cause short circuits and other electrical malfunctions.

Wash exposed skin with soap and water after handling this product.

Storage: Store in labelled, closed containers away from heat, spark, open flames and other sources of ignition.

8. Exposure controls/personal protection

Specific controls parameter:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>(as total dust) OELs</td>
<td>10 mg/m³ (Sweden)</td>
</tr>
<tr>
<td>(as respirable dust) OELs</td>
<td>5 mg/m³ (Sweden)</td>
</tr>
</tbody>
</table>

Personal protective equipment:

Respiratory protection: Use NIOSH/MSHA approved mask for chemical products if ACGIH, OSHA and/or TWA limits will be exceeded.

Hand protection: Use cotton gloves. Safety shower should be available.

Eye protection: Safety glasses, goggles or face shield. Eye wash station should be available.

9. Physical and chemical properties

Appearance: Gray

Physical State: Solid

Odour: None

Typical temperatures:

Melting point: 3652° C - 3697° C (sublimes)

Boiling point: Approx. 4205° C

Flash point: Not Applicable

Vapor Pressure (mm Hg): 1 @ 3586° C

Specific gravity (H2O=1): 1.45 - 1.55

Solubility in water: Insoluble

10. Stability and reactivity
SAFETY DATA SHEET

Product name: DESULCO™

Stability: Material is stable in case of normal uses.

Substances to be avoided: Strong oxidizing agents, acids and alkalis

Hazardous decomposition products: On burning, may release carbon dioxide and carbon monoxide.

Further information: Hazardous polymerisation will not occur

11. Toxicological information

Acute toxicity:
- Oral: LD50 (Rat) > 10000 mg/kg (Test conducted in 1979 by the American Agency FHSA) – IUCLID (February 2000).
- Inhalation: LC50 (Rat) > 64.4 mg/l (Test conducted in 1979 by the American Agency FHSA) – IUCLID (February 2000).

Sub acute to chronic toxicity: An embryo toxic effect need not be feared when the threshold limit value is observed.

Further toxicological information:
- Naturally occurring substance.
- Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.
- No toxic effects are to be expected when the product is handled appropriately.

12. Ecological information

Data about the main component

Ecotoxic effects:
Bioaccumulation is not expected, as product is insoluble in water.

Data about the formulation
No study has been carried out on this product for the moment.

Further ecologic data
Prevent spillage of big quantities of the product in the environment.
Do not allow to enter drinking water supplies, wastewater or soil!
13. Disposal considerations

Material should be disposed of in accordance with all applicable state and local regulations. Contact your local or state environmental agency for specific requirements.

14. Transport information

Transport Regulation: ADR/RID/ADNR IMDG/OMI IATA/ICAO

PRODUCT NOT SUBMITTED TO TRANSPORT REGULATIONS

15. Regulatory information

Labelling according to EC Directives their adaptations and annexes: This preparation is not concerned by European laws, it is labelled according to EC Directives and rules in force.

Compounds of the mixture are mentioned in the European E.I.N.E.C.S. inventory of substances.

16. Other information

R-phrases mentioned in chapters 2 and 3: None.

The information contained herein is based on data available. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.