

MATERIAL SAFETY DATA SHEET

RSE INCORPORATED
51529 BIRCH STREET
NEW BALTIMORE, MI 48047
PHONE: (586) 725-0192 FAX: (586) 725-2225

SECTION I - PRODUCT NAME
Activated Carbon Type: RSE A/C - 60

SECTION II - HAZARDOUS INGREDIENTS

| <u>NAME</u> | <u>CAS NUMBER</u> | <u>% BY WEIGHT</u> |
|--|-------------------|--------------------|
| 1. Carbon Activated Carbon (Non-Regulated) | 7440-44-0 | 100 |

(ACGIH, OSHA and other TLV are not applicable for activated carbon.)

Caution: Wet activated carbon removes oxygen from air causing a severe hazard to workers inside carbon vessels and enclosed or confined spaces. Before entering such an area, sampling and work procedures for low oxygen levels should be taken to ensure ample oxygen availability, observing all local, state and federal regulations.

SECTION III - PHYSICAL DATA

| | | | |
|---------------------|-------------------------------------|------------------------------|-----------|
| Boiling Point (°F) | : N/A | Specific Gravity (water = 1) | : 1.9-2.2 |
| Vapor Pressure | : N/A | Packing Density (g/cc) | : 0.4-0.8 |
| Solubility In Water | : N/A | pH | : N/A |
| Appearance & Odor | : Black granular or powder odorless | | |

SECTION IV - FIRE & EXPLOSION HAZARD DATA

| | | | |
|------------------|-------|----------|--------------------------------|
| Flash Point | : N/A | LEL: N/A | Ignition Temperature (°C): 350 |
| Flammable Limits | : N/A | UEL: N/A | |

Extinguishing Media: Flood with plenty of water or inert gas, such as N₂ & CO₂

Special Fire Fighting Procedure: None

SECTION V - REACTIVITY

| | |
|--------------------------|--|
| Stability | : Stable |
| Hazardous Polymerization | : Will not occur |
| Hazardous Decomposition | : CO may be generated in the event of fire |

Condition To Avoid : Contact with strong oxidizers, such as ozone, liquid oxygen, chlorine, permanganate and keytone may cause a bed fire.

Incompatibility : Avoid contact with high concentration of keytone in air or liquid. (Contact RSE for further information.)

SECTION VI - HEALTH HAZARD DATA

Carcinogenicity : N/A Skin : N/A Ingestion : N/A
Acute or Chronic : N/A NTP : N/A IARC Monograph : N/A
Inhalation : Dust may be inhaled OSHA : N/A

Signs and Symptoms of Exposure : Slight irritation of eyes and nose may result from contact with carbon fines

Medical Conditions Generally Aggravated By Exposure : N/A

SECTION VII - EMERGENCY & FIRST AID PROCEDURE

Skin : N/A

Ingestion : N/A

Inhalation : N/A

Eye : Flush with plenty of water at least for 15 minutes

Follow-up with physician exam if necessary.

SECTION VIII - SAFE HANDLING & STORAGE

Protective Gloves
Protective Clothing
Eye Protection
Respirator Protection
Ventilation
Storage & Handling

: Rubber Gloves
: Not Required
: Safety Glasses
: A NIOSH approved particulate filter
: Local & Mechanical exhaust recommended
: Avoid generation of dust and fines during handling

SECTION IX - SPILL OR LEAK PROCEDURE

Notify EPA If Product Spills : Report in accordance with local, state and federal regulations

Cleaning Procedure : Sweep up unused carbon and discard in refuse container or repackage for further use.

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Prepared By: Maureen Russell