

Material Safety Data Sheet

Date Prepared: 01-01-02

MSDS No. 316025-3

Section I Material Identification And Use

Product/Tradename: VAPOR-PHSE CARB.4MM 25#

NFPA Designation: Health 1 Flammability 0 Reactivity 0
0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Manufacturer's Name: Caled Chemical Emergency Telephone (Chemtrec) 1-800-424-9300
Address: 26 Hanes Drive, Wayne, NJ 07470 Working Hours (973) 696-7575

Chemical Name: Activated Carbon Chemical Family: Carbon

Formula: Activated Carbon Material Use: Filters

Section II Hazardous Ingredients

Table with 5 columns: Hazardous Ingredients, CAS Number, Approx. Percent, Exposure Limits, Other. Content: None As Defined By 29cfr 1910.1200 Or 3.3 State Laws, Exposure should be treated as any nuisance dust particles (5mg/m3 respiratory TWA. Total exposure not to exceed 15mg/m3.

Section III Physical Data

Physical State: Solid | Odor And Appearance: Bland Odor, Black Granules
Specific Gravity| Vapor Pressure(Mm)| Vapor Density(Air=1)| Ph
1.800 | NA | NA | NA
Evaporation Rate | Boiling Point(F)| % Volatile(Vol) | Water Solubility
(Butyl Ace=1) NA | NA | NA | Insoluble

Section IV Fire And Explosion Hazard Data

Flash Point(F) Method Flammable Limits In Air % By Volume
Non-Flammable Upper: ND Lower: ND

Extinguishing Media: Foam Carbon Dioxide Dry Chemical

Special Fire Fighting Procedures:
Use a caution when responding to any chemical fire. Respiratory protection is essential.

Unusual Fire And Explosion Hazards: contact with strong oxidizers such as ozone or liquid oxygen may cause rapid combustion.

VAPOR-PHSE CRBN 4MM 25#

Section V Reactivity Data

=====
Stability | Unstable Conditions To Avoid:
 | X Stable None Known
=====

Incompatibility (Materials To Avoid)
Strong Oxidizers

Hazardous Decomposition Products

=====
Hazardous | May Occur Conditions To Avoid
Polymerization | X Will Not Occur None Known
=====

Section VI Health And Toxicological Data

=====
Route Of Entry
Skin Contact: X Skin Absorption: Eye Contact: X
Inhalation Acute: X Inhalation Chronic: Ingestion: X
=====

Effects Of Acute Exposure
Skin And Eyes: Prolonged Contact With Skin And Eyes May Cause Irritation.
Ingestion: May Cause Gastric Disturbances, And Mucous Lining Irritation.
Inhalation: Dust May Cause Irritation To Mucous Linings. Prolonged Breathing Of Any Dust May Have Adverse Pulmonary Effect On Some People.

Effects Of Chronic Exposure
Preexisting Skin And Lung Conditions May Become Aggravated With Over Exposure To This Product.

Carcinogenicity, Reproductive, Teratogenicity, Mutagenicity
No Component Is Listed As A Carcinogen By NTP, IARC, Or OSHA, Not Mutagenic. No Reproductive Or Teratogenic Properties Are Known Or Expected.

Emergency And First Aid Procedures
Skin And Eyes: Flush Area With Large Quantities Of Water For 15 Minutes. Get Medical Attention.
Ingestion: Give Large Quantities Of Water. Get Medical Attention.
Inhalation: Remove To Fresh Air, Administer Artificial Respiration If Not Breathing.

Section VII Spill Or Leak Information

=====
Steps To Be Taken If Material Is Released Or Spilled
Sweep up spills and discharge in protected container.
=====

Waste Disposal Methods
In Accordance With Federal, State And Local Regulation Governing waste disposal.

VAPOR-PHSE CRBN 4MM 25#

Section VIII Special Protection Information

Respiratory Protection (Specify)

Mask For Dust (Niosh Approved) If Dust Exceeds Nuisance Dust Of 10mg/M3

Ventilation (Mechanical - General, Local, Special)

Local In Confined Areas Mechanical None

Gloves (Specify): Neoprene

Eye (Specify): Safety Glasses Or Safety Goggles

Other Protective Equipment:: Eye Wash Station

Section IX Special Precautions

Precautions To Be Taken In Handling And Storing

Avoid contact with eyes, Dehydrating product wear gloves while handling. Wet activated carbon depletes oxygen from air. Workers entering a vessel containing carbon must take all precautions since dangerously low levels of oxygen may be present.

Special Shipping Information

Dot: Not Regulated

UN: Not Regulated

Sara Title III, Section 313 Release Reporting And Other Covered Regulations

No Component Is Listed By Sara Title III, Section 313 Release Reporting.

NA = Not Applicable ND = No Data Available Ne = Not Established < = Less Than
> = Greater Than

Each Customer Is Encouraged To Study This MSDS Carefully To Become Aware Of And Understand The Associated Material Hazards. Proper Reference Works Should Be Consulted, As Necessary, To Use And Understand The Contained Data. This MSDS Should Be Properly Routed To All Individuals Who Use Or May Come In Contact With This Product. Understand And Follow All Pertinent Employee And Community Right To Know Regulations.

We Believe That The Statements, Technical Information And Recommendations Contained Herein Are Reliable, But Given Without Warrantee Or Guarantee Of Any Kind, Express Or Implied, And We Assume No Responsibility For Any Loss, Damage, Or Expense, Direct Or Consequential, Arising From Their Use.