

CARUS CHEMICAL CO INC -- CARUSORB -- 6850-01-303-1336

===== Product Identification =====

Product ID:CARUSORB
MSDS Date:07/28/1989
FSC:6850
NIIN:01-303-1336
MSDS Number: BJDLC
=== Responsible Party ===
Company Name:CARUS CHEMICAL CO INC
Address:1375 8TH ST
City:LA SALLE
State:IL
ZIP:61301-1964
Country:US
Info Phone Num:815-433-9070
Emergency Phone Num:800-435-6856
Preparer's Name:HORST R.ADOLF
CAG
E:9C265

=== Contractor Identification ===
Company Name:CARUS CHEMICAL CO INC
Address:1375 8TH ST
Box:City:LASALLE
State:IL
ZIP:61301-1964
Country:US
Phone:815-223-1500
CAGE:9C265
Company Name:ETHYLENE EATERS INC
Address:18919 NE 5TH AVE
Box:City:MIAMI
State:FL
ZIP:33179
Country:US
Phone:305-655-0704
CAGE:0FJH7

===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM PERMANGANATE (SARA III)
CAS:7722-64-7
RTECS #:SD6475000
Fraction by Wt: 3-6%
Other REC Limits:

NONE SPECIFIED
OSHA PEL:5 MG MN/M3;CEILING
ACGIH TLV:5 MG MN/M3; 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS
FORMS) (SARA III)
CAS:1344-28-1
RTECS #:BD1200000
Fraction by Wt: 75-80%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NT
P:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE EFFECTS:MAY BE IRRITATING TO
TISSUE WITH WHICH IT COMES IN CONTACT. CHRONIC EFFECTS:PROLONGED
INHALATION OF MANGANESE COMPOUNDS ABOVE THE THRESHOLD LIMIT VALUES
MAY CAUSE LUNG IRRITATION AND CENTRAL NERVOUS SYSTEM DISORDERS.
Effects of Overexposure:MAY BE IRRITATING OR CORROSIVE TO BODY TISSUE
WITH WHICH IT COMES IN CONTACT.
Medical Cond Aggravated by Exposure:FURTHER IRRITATION TO TISSUE OR
OPENT WOUNDS, BURNS,
AND MUCOUS MEMBRANES.

===== First Aid Measures =====

First Aid:FIRST AID-EYE CONTACT:IMMEDIATELY WASH WITH LARGE AMOUNTS OF
WATER FOR 15 MINUTES. SKIN CONTACT:IMMEDIATELY WASH WITH SOAP AND
WATER. INHALATION:MOVE PERSON OUT OF CONTAMINATED AREA.
INGESTION:GIVE SEVERAL GLASSES OF WATER OR MILK, IF AVAILABLE.
SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Extinguishing Media:WATER.
Fire Fightin

g Procedures:SOAK SPHERES WITH WATER. PRODUCT IS NOT COMBUSTIBLE, BUT WILL SUPPORT COMBUSTION.
Unusual Fire/Explosion Hazard:MODERATE FIRE HAZARD BY CHEMICAL REACTION.CONTAINS STRONG OXIDIZER.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP AS MUCH AS POSSIBLE. FLUSH WITH LARGE AMOUNTS OF WATER, IF PERMITTED BY FEDERAL, STATE AND LOCAL REGULATION.

Neutralizing Agent:10% SODIUM THIOSULFATE SOLUTION (NA2S2O3).

===== Handling and Storage =====

Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. STORE IN A COOL, DRY AREA IN CLOSED CONTAINERS. SEGREGATE FROM ACIDS AND COMBUSTIBLE MATERIALS.

Other Precautions:NONE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATOR WITH DUST CARTRIDGE.

Ventilation:MECHANICAL (GENERAL) VENTILATION.

Protective Gloves:RUBBER OR PLASTIC GLOVES

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:REGULAR WORK CLOTHING. SAFETY SHOWER AND EYE WASH STATION.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING. WASH CONTAMINATED CLOTHING BEFORE REUSE

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:T6

Melt/Freeze Pt:M.P/F.P Text:392F DECOMP

Spec Gravity:3.3

Solubility in Water:COMPLETE FOR KMNO4

Appearance and Odor:PURPLE SPHERES. OD

ORLESS.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, OXIDIZABLE MATTER, OR REDUCING MATTER.

Stability Condition to Avoid: INTENSE HEAT (392F OR MORE).

Hazardous Decomposition Products: IN CONTACT WITH HYDROCHLORIC ACID,
TOXIC CHLORINE GAS WILL EVOLVE.

===== Disposal Considerations =====

Waste Disposal Methods: NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. KEEP IN
COVERED CONTAINERS

PENDING DISPOSAL. REDUCE WITH HYPO (SODIUM
THIOSULFATE, $\text{Na}_2\text{S}_2\text{O}_3$) SOLUTION AND DEPOSIT IN PERMITTED LANDFILL.

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