

ETHYLENE EATERS INC -- ETHYLENE EATER FILTER,A-A-50193 -- 6850-01-303-1336  
===== Product Identification =====

Product ID:ETHYLENE EATER FILTER,A-A-50193

MSDS Date:03/01/1993

FSC:6850

NIIN:01-303-1336

MSDS Number: BKRDP

=== Responsible Party ===

Company Name:ETHYLENE EATERS INC

Address:2301 COLLINS AVE SUITE M-111

City:MIAMI BEACH

State:FL

ZIP:33139

Country:US

Info Phone Num:305-891-3060

Emergency

Phone Num:305-891-3060

CAGE:0FJH7

=== Contractor Identification ===

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

Company Name:REPFOR INC.

Address:34 E PHILADELPHIA STREET

Box:City:YORK

State:PA

ZIP:17401

Country:US

Phone:717-846-6436

CAGE:6X016

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

Ingred Name:POTASSIUM PERMANGANATE (SARA 313) (CERCLA)

CAS:7722-64-7

RTECS #:SD6475000

Fraction

by Wt: 3 - 6%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 5 MG(MN)/M3  
ACGIH TLV:5 MG(MN)/M3; 9596  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (SARA 313)  
CAS:1344-28-1  
RTECS #:BD1200000  
Fraction by Wt: 75 - 80%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.  
Routes of Entry: Inhalation:YES Skin:N  
O Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY &  
GI TRACTS. ACUTE- MAY BE CORROSIVE TO BODY TISSUE. MAY CAUSE EYE,  
SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION. CHRONIC-  
PROLONGED INHALATION OF MANG ANESE COMPOUNDS ABOVE THE THRESHOLD  
LIMIT VALUE MAY CAUSE LUNG IRRITATION AND CENTRAL NERVOUS SYSTEM  
DISORDERS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE  
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH  
AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP &  
WATER. OR AL:IF CONSCI

OUS, RINSE OUT MOUTH WITH WATER. DRINK  
SEVERAL GLASSES OF MILK OR WATER. SEEK MEDICAL ATTENTION.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:USE LARGE AMOUNT OF WATER. USE WATER SPRAY TO COOL  
FIRE EXPOSED CONTAINERS. SOAK SPHERES WITH WATER.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Ha

azard:OXIDIZER. INCREASES THE FLAMMABILITY OF  
ANY COMBUSTIBLE SUBSTANCES. IN CONTACT WITH EASILY OXIDIZABLE  
SUBSTANCES, IT MAY REACT RAPIDLY ENOUGH TO IGNITE.

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

Spill Release Procedures:SWEEP UP SPILL AS MUCH AS POSSIBLE. AVOID  
CREATING DUST. PLACE IN APPROPRIATE CONTAINER FOR LATER DISPOSAL.  
VENTILATE AREA. FLUSH SPILL SITE WITH WATER INTO SEWER, IF  
PERMITTED.

Neutralizing Agent:10% SODIUM THIOSULFATE

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM  
INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. USE IN  
VENTILATED AREA.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR  
CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING  
MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

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

Respi

ratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE  
CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR  
DUST MASK.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS  
(10 ROOM VOLUMES PER HOUR).

Protective Gloves:LATEX TO MINIMIZE SKIN CONTACT

Eye Protection:SAFETY GLASSES OR DUST GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AN

D

RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Decomp Temp:Decomp Text:>392F,>200C

Spec Gravity:3.3

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:SOME

Appearance and Odor:PURPLE SPHERES - ODORLESS

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

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Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STRONG REDUCING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT (ABOVE 200C/392F)

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

Waste Disposal Methods:REDUCE POTASSIUM PERMANGANATE WITH 10% SODIUM THIOSULFATE SOLUTION AND DEPOSIT IN PERMITTED LANDFILL. ENSURE COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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