

FLO-GUARD -- FLO-GUARD 100&200 (ACTIVATED ALUMINA SPHERES). -- 6850-01-303-1336

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

Product ID:FLO-GUARD 100&200 (ACTIVATED ALUMINA SPHERES).

MSDS Date:03/18/1996

FSC:6850

NIIN:01-303-1336

Status Code:A

MSDS Number: CLDFY

=== Responsible Party ===

Company Name:FLO-GUARD

Address:6824 1/2 LINDBERGH

City:HOUSTON

State:TX

ZIP:77087

Country:US

Info Phone Num:713-645-0929/

FAX: 713-641-9869

Emergency Phone Num:713-645-0929

CAGE:NO392

=== Contractor Identification ===

Company Name:ENVIRONMENTAL FRIENDLY PRODUCTS INC

Address:5703 ASHLEY SPRING CT

Box:City:KATY

State:TX

ZIP:77494

Country:US

Phone:281-395-8646; FAX 281-395-9687

Contract Num:SP0450-01-M-ZB57

CAGE:0NYE7

Company Name:FLO-GUARD

Address:6824 1/2 LINDBERGH

Box:City:HOUSTON

State:TX

ZIP:77087

Country:US

Phone:713-645-0929/ FAX: 713-641-9869

CAGE:NO392

===== Composition/Information on Ingredients

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Ingred Name:ALUMINUM OXIDE/ACTIVATED ALUMINA  
CAS:1344-28-1  
RTECS #:BD1200000  
Other REC Limits:NONE  
OSHA PEL:15 MG/M3  
ACGIH TLV:10 MG/M3

Ingred Name:POTASSIUM PERMANGANATE/POTASSIUM SALT  
CAS:7722-64-7  
RTECS #:SD6475000  
Other REC Limits:NONE  
OSHA PEL:5 MG(MN)/M3  
ACGIH TLV:5 MG(MN)/M3  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO  
IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- MAY BE IRRITATING TO BODY  
TISSUE. CHRONIC: NO KNOWN CHRONIC HEALTH HAZARDS.  
Explanation of Carcinogenicity:ALUMINUM OXIDE/POTASSIUM PERMANGNATE NOT  
CLASSIFIED BY NTP/IARC/OR OSHA.  
Effects of Overexposure:IRRITATION TO EYE. SNEEZING. BROWN  
DISCOLORATION OF THE SKIN.  
Medical Cond Aggravated by Exposure:IRRITATION OF OPEN WOUNDS.

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

First Aid:EYES-FLUSH THOROUGH  
LY WITH WATER AND SEEK MEDICAL ATTENTION.  
INGESTION-DRINK WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY.  
INHALATION-REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.  
SKIN-WASH WITH SO AP AND WATER, SEE PHYSICIAN IF IRRITATION  
PERSISTS.

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

Flash Point:NOT FLAMMABLE  
Extinguishing Media:FOAM/CARBON DIOXIDE/DRY CHEMICAL.  
Fire Fighting Procedures:USE RESPIRATORY PROTECTION.  
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SWEEP OR SHOVEL MATERIAL AND DISCARD IN PROTECTIVE REFUSE CONTAINER. TO CLEAN FLOORS, FLUSH WITH WATER INTO SEWER IF PERMITTED BY FEDERAL, LOCAL, AND STATE REGULATIONS.

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

Handling and Storage Precautions:STORE IN SEALED CONTAINERS IN COOL DRY LOCATIONS.

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

Respiratory

Protection:USE NIOSH APPROVED RESPIRATORY IF EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:LOCAL EXHAUST IS RECOMMENDED IF DUSTING IS EXCESSIVE. MECHANICAL IS REQUIRED.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GLASSES AND/OR GOGGLES.

Other Protective Equipment:NORMAL WORK CLOTHING COVERING ARMS AND LEGS SHOULD BE WORN. SAFETY SHOWER, EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING & WASH BEFORE RESUE. WASH WITH SOAP & WATER.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:=-2050.C, #####F

Spec Gravity:3.2

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:PURPLE SPHERES; NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG REDUCING AGENTS, EASILY OXIDI

ZED MATERIALS.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:NEW MATERIAL MAY BE DISPOSED IN LANDFILL. USED MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH REGULATIONS GOVERNING THE ADSORBED CONTAMINATES.

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