

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

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Product Identification  
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Product ID:ACTIVATED ALUMINA SPHERES 100 & 200

MSDS Date:03/18/1996

FSC:6850

NIIN:01-303-1336

MSDS Number: CFFJF

=== 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

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

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Composition/Information on Ingredients  
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Ingred Name:ALUMINUM OXIDE/ACTIVATED ALUMINA

CAS:1

344-28-1

RTECS #:BD1200000

Other REC Limits:NONE RECOMMENDED

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

CAS:7722-64-7

RTECS #:SD6475000

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

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:NO 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 IRRITATING TO BODY TISSUE. MAY CAUSE EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION. MAY CAUSE DISCOLORATION OF THE SKIN. CHRONIC- NONE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DISCOLORATION OF SKIN, SNEEZING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS (OPEN WOUNDS) MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH AIR. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER. ORAL:IF CONSCIOUS, DRINK WATER. SEEK MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper

Limits:NOT RELEVANT

Extinguishing Media:USE CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

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

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SWEEP UP SPILL AS MUCH AS POSSIBLE. AVOID CREATING DUST. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL.

VENTILATE AREA. FLUSH SPILL SITE WITH WATER INTO SEWER, IF PERMITTED.

Neutralizing Agent:NOT RELEVANT

===== 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 =====

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

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

Protective Gloves:RUBBER

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 AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:3722F,2050C

Spec Gravity:3.2

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:PURPLE SPHERES - ODORLESS

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

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Stability Indicator/Materials to Avoid: YES

STRONG REDUCING AGENTS, EASILY OXIDIZED 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 LOCAL, STATE AND FEDERAL REGULATIONS.

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