

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

=====

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.

=====

===== 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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.