

WHITTAKER CLARK AND DANIELS INC -- ALUMINA -- 6810-01-105-6826

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Product Identification  
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Product ID:ALUMINA

MSDS Date:03/01/1991

FSC:6810

NIIN:01-105-6826

MSDS Number: BGMCG

=== Responsible Party ===

Company Name:WHITTAKER CLARK AND DANIELS INC

Address:1000 COOLIDGE ST

City:SOUTH PLAINFIELD

State:NJ

ZIP:07080-3805

Country:US

Info Phone Num:908-561-6100

Emergency Phone Num:908-561-6100

CAGE:87775

=== Contractor Identification ===

Company Name:WHITTAKER CLARK AND DANIELS INC

Address:1000 COOLIDGE ST

Box:City:SOUTH PLAINFIELD

State:NJ

ZIP:07080

Country:US

Phone:908-561-6100/8007320562

CAGE:87775

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Composition/Information on Ingredients  
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Ingred Name:ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS  
FORMS) (SARA III)

CAS:1344-28-1

RTECS #:BD1200000

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

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Hazards Identification  
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LD50 LC50 Mixture:TLV 10 MG/M3 (TDUST), 5 MG/M3 (RDUST)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- LOW HEALTH RISK BY INHALATION.  
NOT EXPECTED TO BE TOXIC BY INGESTION. MAY CAUSE IRRITATION OF EYES.  
NOT IRRITATING TO SKIN. CHRONIC- NONE KNOWN.

Effects of Overexposure:LOW HEALTH RISK BY INHALATION. NOT EXPECTED TO BE TOX

IC BY INGESTION. MAY CAUSE IRRITATION OF EYES. NOT IRRITATING TO SKIN.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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First Aid Measures  
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First Aid:NO EMERGENCY ACTION REQUIRED. MAINTAIN A GOOD STANDARD OF INDUSTRIAL HYGIENE AND HOUSEKEEPING.

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Fire Fighting Measures  
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Flash Point:NON-FLAMMABLE

Extinguishing Media:NON-COMBUSTIBLE.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NON

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Accidental Release Measures  
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Spill Release Procedures:USE DRY CLEAN-UP PROCEDURES. AVOID DUSTING. COLLECT IN CONTAINER OR BAGS.

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Handling and Storage  
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Handling and Storage Precautions:STORAGE- KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:HANDLING EQUIPMENT SHOULD BE DESIGNED TO KEEP AIRBORNE DUST TO MINIMUM FOR WORKER COMFORT. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION

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Exposure Controls/Personal Protection  
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Respiratory Protection:WHERE THE EXPOSURE LIMIT IS OR MAY BE EXCEEDED, USE NIOSH-APPROVED RESPIRATORY PROTECTION.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS.

Protective Gloves:RUBBER/PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDE

D PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:3727F,2053C

Spec Gravity:3.2 - 3.9

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE ODORLESS CRYSTALLINE POWDER

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Pro

ducts:NONE

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

Waste Disposal Methods:IF REUSE OR RECYCLING IS NOT POSSIBLE, MAY BE DISPOSED OF AT A SANITARY LANDFILL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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