

PARKER-AMCHEM/HENKEL CORPORATION -- ALUMIPREP 33 -- 6850-01-096-2274

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

Product ID:ALUMIPREP 33

MSDS Date:04/09/1998

FSC:6850

NIIN:01-096-2274

MSDS Number: BGLPS

=== Responsible Party ===

Company Name:PARKER-AMCHEM/HENKEL CORPORATION

Address:32100 STEPHENSON HIGHWAY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:810-583-9300

Emergency Phone Num:8

10-583-9300

Resp. Party Other MSDS Num.:234449

Preparer's Name:SULINDA LEFFINGWELL

Chemtec Ind/Phone:(800)424-9300

CAGE:84063

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:PARKER-AMCHEM/HENKEL CORPORATION

Address:32100 STEPHENSON HIGHWAY

Box:City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:1-517-263-9430 CHEM EMER18004249300

CAGE

:84063

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

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Minumum % Wt:10.
Maxumum % Wt:30.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9596

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)
CAS:7664-38-2
RTECS #:TB6300000
Minumum % Wt:10.
Maxumum % Wt:30.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3/3 STEL; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Nam
e:POTASSIUM FLUORIDE
CAS:7789-23-3
RTECS #:TT0700000
Minumum % Wt:1.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2.5 MG/M3 AS F
ACGIH TLV:2.5 MG/M3 AS F

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
& GI TRACTS. ACUTE- CORROSIVE TO THE SKIN, EYES & MUCOUS MEMBRANES.
EYE

CONTACT MAY CAUSE SEVERE IRRITATION & BURNS. MAY BE HARMFUL OR FATAL IF ABSORBED THROUGH SKIN. CONTACT WITH THE SKIN; MAY CAUSE SEVERE IRRITATION AND/OR BURNS. INHALING MIST/VAPORS MAY CAUSE RESPIRATORY IRRITATION. INGESTION MAY CAUSE SEVERE IRRITATION & BURNS OF GI TRACT. CHRONIC- PROLONGED OR REPEATED INGESTION MAY CAUSE FLUORIDE POISONING.

Explanation of Carcinogenicity:NO INFORMATION AVAILABLE FOR PRODUCT.

ACGIH RATES POTASSIUM FLUORIDE AS A CLASS A4-NOT CLASSIFIABLE AS A

HUMAN CARCINOGEN (RELATED TO FLUORIDES).

Effects of Overexposure:EYES-SEVERE IRRITATION, BURNS, BLINDNESS.

SKIN-SEVERE IRRITATION, BURNS. INGESTED-CALCIFICATION OF LIGAMENTS, SEVERE BONE CHANGES, PAINFUL MOVEMENT, MOTTLING OF THE TEETH, PULMONARY FIBROSIS, ANEMIA, ANOREXIA, DENTAL EFFECTS, POSSIBLY DEATH. INHALATION-UPPER AIRWAY EDEMA, WHEEZING, PULMONARY EDEMA, PNEUMONITIS, RESPIRATORY FAILURE, FLUOROSIS.

Medical Cond Aggravated by Exposure:SKIN IRRITATION MAY BE AGGRAVATED

IN PERSONS WITH EXISTING SKIN LESIONS. MISTS MAY AGGRAVATE ACUTE OR CHRONIC ASTHMA OR OTHER RESPIRATORY DISEASES.

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

First Aid:EYES-RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION. SKIN-IMMEDIATELY REMOVE CONTAMINATED CLOTHES. FLUSH WITH LOTS OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTED-GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING! I

F CONSCIOUS, GIVE 1-2 GLASSES WATER OR MILK.

INHALED-REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP OR PERSIST.

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

Flash Point Method:TCC

Flash Point:=62.8C, 145.F

Extinguishing Media:USE MEDIA SUITABLE FOR THE SURROUNDING AREA.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FIRE AND EXPLOSION HAZAR

DS ARE MODERATE

WHEN THIS PRODUCT IS EXPOSED TO HEAT OR FLAME. VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL ALONG THE GROUND TO SOME DISTANT SOURCE OF IGNITION & FLASH BACK.

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

Spill Release Procedures:STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT & CLOTHING DURING CLEAN-UP. ABSORB SPILL WITH ABSORBENT MATERIAL. SHOVEL MATERIAL INTO APPROPRIATE CONTAINER FOR DISPOSAL. DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH REGULATIONS.

Neutralizing Agent:SODA ASH

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED & IN A COOL, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT GET IN EYES, ON SKIN OR CLOTHING. WASH THOROUGHLY AFTER HANDLING. DO NOT INHALE VAPORS OR MISTS. KEEP PRODUCT AWAY FROM HEAT, SPARKS OR OPEN FLAME. FOR INDUSTRIAL USE ONLY.

Other Precautions:WARNING! CORROSIVE & TOXIC. "EMPTY" CONTAINERS RETAIN PRODUCT RESIDUE & CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE.

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

Respiratory Protection:IF VENTILATION IS NOT SUFFICIENT TO EFFECTIVELY PREVENT BUILDUP OF AEROSOLS OR VAPORS, APPROPRIATE NIOSH/MSHA RESPIRATORY PROTECTION MUST BE PROVIDED.

Ventilation:USE GENERAL VENTILATION AND USE LOCAL EXHAUST WHERE POSSIBLE, IN CONFINED OR ENCLOSED SPACES.

Protective Gloves:IMPERVIOUS-RUBBER, NEOPRENE.

Eye Protection:CHEMICAL SPLASH GOGGLES WITH FACE SHIELD.

Other Protective Equipment:EYE WASH STATION & EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY. USE OF IMPERVIOUS APRON & SHOES SUGGESTED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROC

EDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

NOTES TO PHYSICIAN: OCULAR EXPOSURE TO CORROSIVE FLUORIDE COMPOUNDS HAS BEEN TREATED WITH ISOTONIC SODIUM CHLORIDE OR MAGNESIUM CHLORIDE. DERMAL EXPOSURE HAS BEEN TREATED WITH CALCIUM GLUCONATE OR CALCIUM CARBONATE GEL APPLIED TOPICALLY TO RELIEVE PAIN AT EXPOSURE SITE.

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

HCC:C1

Boiling Pt:>93.3C, 200.F

Vapor Pres:N/D

Vapor Den

sity:N/D

Volatile Org Content %:14

Spec Gravity:1.1 - 1.2

pH: