

HENKEL SURFACE TECHNOLOGIES -- ALUMIPREP 33 -- 6850-01-096-2274

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Product Identification
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Product ID:ALUMIPREP 33

MSDS Date:04/09/1998

FSC:6850

NIIN:01-096-2274

MSDS Number: CKMSP

=== Responsible Party ===

Company Name:HENKEL SURFACE TECHNOLOGIES

Address:32100 STEPHENSON HWY

City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Info Phone Num:248-583-9300

Emergency Phone Num:(800)424-9300

P

reparer's Name:SULINDA LEFFINGWELL

Chemtrec Ind/Phone:(800)424-9300

CAGE:1N6B3

=== Contractor Identification ===

Company Name:GOURMET INQUE LTD

Address:191 STANLEY ST

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-1555

Country:US

Phone:847-296-6192/FAX: 800-542-1042

Contract Num:SP0450-01-M-D468

CAGE:0TNN7

Company Name:HENKEL SURFACE TECHNOLOGIES

Address:32100 STEPHENSON HWY

Box:City:MADISON HEIGHTS

State:MI

ZIP:48071

Country:US

Phone:248-583-9300

Contract Num:SP0450-00-M-SB97

CAGE:1N6B3

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Composition/Information on Ingredients
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Ingred Name:PHOSPHORIC ACID

CAS:7664-38-2

RTECS #:TB6300000

Minumum % Wt:10.

Maxumum % Wt:30.

Other REC Limits:NIOSH TWA: 1 MG/M3

OSHA PEL:1 MG/M3

OSHA STEL:3 MG/M3

ACGIH TLV:1 MG/M3

ACGIH STEL:3 MG/M3

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYLENE GLYCOL N-BUTYL ETHER

CAS:111-76-2

RTECS #:KJ8575000

Minumum % Wt:10.

Maxumum % Wt:30.

Other REC Limits:NIOSH TWA:24MG/M3

OSHA PEL:240 MG/M3;50 PPM

ACGIH TLV:121 MG/M3;25 P

PM

Ingred Name:POTASSIUM FLUORIDE

CAS:7789-23-3

RTECS #:TT0700000

Minumum % Wt:1.

Maxumum % Wt:10.

Other REC Limits:NIOSH:2.5MG/M3 (F)

OSHA PEL:2.5 MG/M3 AS F

ACGIH TLV:2.5 MG/M3 AS F

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Hazards Identification
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LD50 LC50 Mixture:NONE IDENTIFIED FOR PRODUCT AS WHOLE

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

Health Hazards Acute and Chronic:EYE CONTACT: THIS PRODUCT IS SEVERELY
IRRITATING AND MAY CAUSE IRREVERSIBLE DAMAGE INCLUDING BURNS

AND

BLINDNESS. SKIN CONTACT: CORROSIVE TO SKIN. MAY CAUSE SEVERE IRRITATION AND BURNS. THE SENSATION MAY BE DELAYED. SKIN ABSORPTION: A COMPONENT MAY BE HARMFUL/FATAL IF ABSORBED THROUGH THE SKIN. INGESTION: MAY PRODUCE CORROSIVE DAMAGE TO GI TRACT. LARGE AMOUNTS MAY RESULT IN FLUORIDE POISONING CAUSING SEVERE BONE CHANGES, PAIN, PULMONARY FIBROSIS, ANEMIA, ANOREXIA, DENTAL EFFECTS AND POSSIBLE DEATH. INHALATION: MAY CAUSE SEVERE IRRITATION, BURNS, WHEEZING, PUL

MONARY EDEMA, PNEUMONITIS. REPEATED BREATHING MAY CAUSE FLUOROSIS.

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:EYE CONTACT: THIS PRODUCT IS SEVERELY IRRITATING AND MAY CAUSE IRREVERSIBLE DAMAGE INCLUDING BURNS AND BLINDNESS. SKIN CONTACT: CORROSIVE TO SKIN. MAY CAUSE SEVERE IRRITATION AND BURNS. THE SENSATION MAY BE

DELAYED. INGESTION: MAY

PRODUCE CORROSIVE DAMAGE TO GASTROINTESTINAL TRACT. LARGE AMOUNTS MAY RESULT IN FLUORIDE POISONING CAUSING SEVERE BONE CHANGES, PAIN, PULMONARY FIBROSIS, ANEMIA, ANOREXIA, DENTAL EFFECTS AND POSSIBLE DEATH. INHALATION: MAY CAUSE SEVERE IRRITATION, BURNS, WHEEZING, PULMONARY EDEMA, PNEUMONITIS.

Medical Cond Aggravated by Exposure:PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS

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===== 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! IF CONSCIOUS, GIVE 1-2 GLASSES OF WATER OR MILK. NEVER GIVE ANYTHING BY MOUTH TO A VICTIM WHO IS UNCONSCIOUS OR IS HAVING CONVULSIONS. INHALED-REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP OR PERSIST.

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

Flash Point Method:TCC

Flash Point:=-62.8C, 145.F

Extinguishing Media:USE MEDIA SUITABLE FOR THE SURROUNDING FIRES.

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

Unusual Fire/Explosion Hazard:FIRE AND EXPLOSION HAZARDS ARE MODERATE WHEN THIS PRODUCT IS EXPOSED TO HEAT OR FLAME. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL

L ALONG THE GROUND TO SOME DISTANT SOURCE OF
IGNITION AND FLASH BACK.

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

Spill Release Procedures:STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT
RISK. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT AND 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:NOT PROVIDED

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED AND 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, SPARK OR OPEN FLAME. FOR INDUSTRIAL USE ONLY.

Other Precautions:WARNING! CORROSIVE AND TOXIC. "EMPTY" CONTAINERS
RETAIN PRODUCT RESIDUE AND 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

Eye Protection:WEAR CHEMICAL GOGGLES; FACE SHIELD (IF SPLASHING IS
POSSIBLE).

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

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

CODE: 234449. ABBREVIATION: N/A=NOT APPLICABLE OR NOT AVAILABLE.
N/K=UNKNOWN. N/P=NOT PROVIDED. N/R

=NOT RELEVANT. N/D=NOT
DETERMINED. N/E=NOT ESTABLISHED. CNS=CENTRAL NERVOUS SYSTEM.
GI=GASTROINTESTIN AL.

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

HCC:C1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:>93.3C, 200.F
Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NOT DETERMINED
Vapor Density:N/D
Volatile Org Content %:14
Spec Gravity:1.1 - 1.2
pH: