Product ID:ASC 2-N STRIPPER MSDS Date:08/16/1995 FSC:6850 NIIN:01-152-5991 **MSDS Number: CCKCB** === Responsible Party === Company Name: ALLOY SURFACES CO INC. Address:100 LOCKE RD City:WILMINGTON State:DE ZIP:19809-3513 Country:US Info Phone Num:302-762-8900 / 302-762-7213 Emergency Phone Num:302-762-8900 / 302-762-7213 CAGE:3A367 === Contractor Identification === Со mpany Name: ALLOY SURFACES CO INC. Address:100 LOCKE RD Box:City:WILMINGTON State:DE ZIP:19809-3513 Country:US Phone:302-762-8900 / 302-762-7213 Contract Num:SP0450-99-M-C344 CAGE:3A367

Ingred Name:AMMONIUM BIFLUORIDE (CERCLA) CAS:1341-49-7 RTECS #:BQ9200000 Other REC Limits:NONE RECOMMENDED OSHA PEL:2.5 MG (F)/M3 ACGIH TLV:2.5 MG (F)/M3; 9495 EPA Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

Ingred Name:FRAGRANCE (PINE ODOR) Other REC Limits:NONE RECOMMENDED

Ingred Name:COLORANT (BLUE) Other REC Limits:NONE RECOMMENDED

Ingred Name:MFR GAVE NO INGREDIENT INFORMATION ON THE MSDS. THE PREVIOUS INGREDIENT LIST MAY BE INCOMPLETE & WAS DERIVED FROM MSDS. Other REC Limits:NONE RECOMMENDED

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Health Hazards Acute and Chronic:EYES:CAUSES BURNS. SK IN:CAUSES SEVERE

IRRITATION & FLUORIDE-LIKE BURNS WHICH MAY NOT BE IMMEDIATELY EVIDENT. INHALATION:CAUSES SEVERE IRRITATION TO UPPER RESPIRATORY TRACT. INGESTION:HARMFUL.

Explanation of Carcinogenicity:MFR GAVE THE ABOVE LISTINGS ON THE MSDS BUT NO OTHER COMMENTS ABOUT CARCINOGENICITY WERE RECORDED. Effects of Overexposure:N/A (SEE HEALTH HAZARDS)

First Aid:CALL PHYSICIAN IMMEDIATELY FOR ANY OVER-EXPOSURE. EYE :FLUSH

W/WATER TO 30 MIN. SKIN:FLUSH W/WATER FOR 15 MIN. INHALED:REMOVE TO FRESH AIR. INGESTED:DO NOT INDUCE VOMITING.

Fire Fighting Procedures:MFR GAVE NO INFORMATION OF MSDS. Unusual Fire/Explosion Hazard:MAY RELEASE TOXIC EMISSIONS IN A FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS.

Spill Release Procedures: IF NOT CONTAMINATED, SCOOP-UP FOR R E-USE. IF

CONTAMINATED, SCOOP OR VACUUM INTO CONTAINER FOR DISPOSAL. Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

Handling and Storage Precautions: KEEP CONTAINERS CLOSED. KEEP AWAY FROM FOOD, FOOD PRODUCTS, OR AREAS OF FOOD PREPARATION.
Other Precautions: AVOID BREATHING DUST. DO NOT GET IN EYES, ON SKIN OR CLOTHING. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:MFR GAVE NO INFORMATION OF MSDS.
Protective Gloves:NEOPRENE OR RUBBER GLOVES.
Eye Protection:CHEMICAL GOGGLES.
Other Protective Equipment:RUBBER OR NEOPRENE AS NECESSARY TO PREVENT SKIN CONTACT.
Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.
Supplemental Safety and Health
NORMAL OPERATING CONCENTRATION OF ASC 2-N IN WATER IS 1.5% & IS EQUIVALENT TO 662F,>350C
Spec Gravity:1.503
Solubility in Water:58.3 G/100G WATER
Appearance and Odor:BLUE, PINE
ODOR.

Stability Indicator/Materials to Avoid:YES STRONG ACIDS (HF RELEASED), STRONG ALKALI (NH3 RELEASED). Stability Condition to Avoid:DECOMPOSITION ABOVE 350C - BOILS AT 239.5 C.

Hazardous Decomposition Products:HEATS ABOVE 340C WILL RESULT IN DECOMPOSITION RELEASING HYDROGEN FLUORIDE (HF) AND AMMONIA (NH3). Conditions to Avoid Polymerization:WILL NOT OCCUR.

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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