AMMONIUM CHLORIDE UNTREATED

PRODUCT NAME: AMMONIUM CHLORIDE UNTREATED

MATERIAL SAFETY DATA SHEET

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THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

PRODUCT NAME: AMMONIUM CHLORIDE UNTREATED

INVENTORY NO.: 12125 02 9

HAY'S REPUBLIC
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MICHIGAN CITY, IN 46360

05 B6 07 1 4112554-494
DATA SHEET NO.: 0004629-004
LATEST REVISION DATE: 03/86-86063
PRODUCT:
INVOICE: REGST
INVOICE DATE: 07/14/86
TO:

SECTION I - PRODUCT IDENTIFICATION

GENERAL OR GENERIC ID: SALTS
DOT HAZARD CLASSIFICATION: NOT APPLICABLE

SECTION II - INGREDIENTS

INGREDIENT % BY WT PEL TLV NOTE

AMMONIUM CHLORIDE 30 10 MG/M3 (1)

(1) AS FUMES

PEL NOT ESTABLISHED FOR THIS MATERIAL

SECTION III - PHYSICAL DATA

PROPERTY REFINEMENT MEASUREMENT

BOILING POINT NOT APPLICABLE
VAPOR PRESSURE NOT APPLICABLE
SPECIFIC VAPOR DENSITY NOT APPLICABLE
SPECIFIC GRAVITY 1.530

PERCENT VOLATILES NOT APPLICABLE

EVAPORATION RATE NOT APPLICABLE

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT NOT APPLICABLE
EXPLOSIVE LIMIT NOT APPLICABLE
EXTINGUISHING MEDIA: WATER FOG

NFPA CODES:

HEALTH- 2 FLAMMABILITY- 0 REACTIVITY- 0

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 10 MG/M3

EFFECTS OF ACUTE OVEREXPOSURE: FOR PRODUCT

EYES - CAN CAUSE MODERATE IRRITATION, REDNESS, TEARING.
SKIN - PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING,
DERMATITIS.
BREATHING - OR DUST CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES.
SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

FIRST AID:

IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED
CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE.
IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS
OCCASIONALLY, GET MEDICAL ATTENTION.
IF SWALLOWED: DO NOT INDUCE VOMITING. VOMITING WILL CAUSE FURTHER DAMAGE TO THE
STOMACH. GIVE MILK OF MAGNESIA. KEEP WARM, QUIET. GET MEDICAL ATTENTION IMMEDIATELY.
IF INHALED: IF EXPOSED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

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PRIMARY ROUTE(S) OF ENTRY:

- INHALATION
- SKIN CONTACT

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH STRONG ALKALIES.

SECTION VI-SPEL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: COVER WITH SODA ASH, MIX AND SCOOPE INTO A BEAKER OF WATER.

LARGE SPILL: COLLECT AND ADD SLOWLY TO LARGE VOLUME OF WATER.

WASTE DISPOSAL METHOD:

SMALL SPILL: DISSOLVE IN LARGE AMOUNT OF WATER AND ADD SODA ASH, NEUTRALIZE WITH 6M-HYDROCHLORIC ACID, FLUSH DOWN DRAIN WITH EXCESS WATER IN ACCORDANCE WITH APPLICABLE REGULATIONS.

LARGE SPILL: COLLECT AND ADD TO LARGE CONTAINER OF WATER, STIR IN SLIGHT EXCESS OF SODA ASH, LET STAND 24 HOURS, DEGANT INTO ANOTHER CONTAINER, NEUTRALIZE WITH 6M-HYDROCHLORIC ACID, FLUSH DOWN DRAIN WITH LARGE EXCESS OF WATER IN ACCORDANCE WITH APPLICABLE REGULATIONS. DEPOSIT SLUDGE IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: IF NEEDED USE A NIOSH/MSHA JOINTLY APPROVED DUST RESPIRATOR. (ASK YOUR SAFETY EQUIPMENT SUPPLIER)

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: NEOPRENE

EYE PROTECTION: CHEMICAL SPLASH EYEWEAR IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED, HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPELLER CLOTHING AND BOOTS.

SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.