

**MATERIAL SAFETY
DATA SHEET**
Ashland Chemical Company

DIVISION OF ASHLAND OIL, INC.

P. O. BOX 2219, COLUMBUS, OHIO 43216 • (614) 889-3333

24-HOUR EMERGENCY TELEPHONE (606) 324-1133



000042

AMMONIUM CHLORIDE UNTREATED

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

 PRODUCT NAME: AMMONIUM CHLORIDE UNTREATED
 CAS NUMBER: 12125 02 9

 HAYS REPUBLIC
 ATTN: FRANK LESENER
 225 N. ROESKE AVE.
 MICHIGAN CITY, IN 46360

 05 86 071 4112557-484
 DATA SHEET NO: 0004554-004
 LATEST REVISION DATE: 03/86-86063
 PRODUCT:
 INVOICE: REQST
 INVOICE DATE: 07/14/86
 TO:

 SECTION I-PRODUCT IDENTIFICATION

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

 SECTION II-COMPONENTS

INGREDIENT	% (BY WT)	PEL	TLV	NOTE
AMMONIUM CHLORIDE	>95		10 MG/M3	(1)
CAS #: 12125-02-9				

(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 @ 68.00 DEG F (20.00 DEG C)
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
 NOT ESTABLISHED.

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 - OF 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. LAUNDRY 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 THROAT. DILUTE BY GIVING WATER. GIVE MILK OF MAGNESIA. KEEP WARM, QUIET. GET MEDICAL ATTENTION IMMEDIATELY.
 IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL 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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SECTION V-HEALTH HAZARD DATA (CONTINUED)
-----PRIMARY ROUTE(S) OF ENTRY:

INHALATION
SKIN CONTACT

SECTION VI-REACTIVITY DATA

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH: , STRONG ALKALIES.

SECTION VII-SPILL OR LEAK PROCEDURES
-----STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: COVER WITH SODA ASH. MIX AND SCOOP 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. DECANT 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 GOGGLES 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 IMPERVIOUS 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.