

CUSTOMER: 80208321
BATCH #: 020460004
ZONE #: EB01
BARCODE #: 212072724 0001
PRODUCT NAME: RESCUE DRAIN

ORDER #: 01701
STICKER #: 020460017

Chemsearch

MATERIAL SAFETY DATA SHEET: RESCUE DRAIN

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DATE OF ISSUE 3/16/2000	SUPERSEDES 12/04/1997
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SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms: N/A Trade Name & Synonyms: RESCUE DRAIN
Chemical Family: INORGANIC EARTH SALTS Formula Mixture --> X
Manufacturer's Name: HEM PHARM DIV OF NCH CORP.
Address: BOX 152170 IRVING, TX 75015

Prepared By: K STOLLEY/CHEMIST Product Code Number: M066 Emergency Phone Number: 800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #
SODIUM HYDROXIDE	CORR/MUT	2 MG/M3 \$1	2 MG/M3 2	NOT EST.	1310-73-2
SODIUM BISULFATE	IRRITANT	3 MG/M3\$\$1	15 MG/M3 2	NOT EST.	7681-38-1
MONOSODIUM PHOSPHATE ANHYDROUS	IRRITANT	3 MG/M3\$\$1	5 MG/M3\$\$2	NOT EST.	7558-80-7
ALKYL NAPHTHALENE SULFONATE	IRRITANT	3 MG/M3\$\$1	5 MG/M3\$\$2	NOT EST.	\$\$\$
\$ ACGIH STEL (CEILING) VALUE					
\$\$\$ (UNTESTED) TRADE SECRET					

SECTION IIa - NON-HAZARDOUS INGREDIENTS

(NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE)

Secret Registry #: 409363-6002P

SECTION III - PHYSICAL DATA

Boiling Point (F): N/A Specific Gravity (H2O=1): N/A
Vapor Pressure (MM HG): N/A Color: LIGHT YELLOW
Vapor Density (Air=1): N/A Odor: CITRUS
PH @ 100%: 14 @10% Clarity: OPAQUE
% Volatile by Volume: NIL Evaporation Rate (BU A/C=1): N/A
H2O Solubility: APPRECIABLE Viscosity: GRANULAR

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: NON-FLAM N/A Flammable Limits: HYDROGEN GAS LEL: 4% UEL: 75%
Extinguishing Media: X --Foam X --Alcohol Foam X --CO2 X --Dry Chemical X --Water Spray X --Other
Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.
Unusual Fire and Explosion Hazards: PROLONGED CONTACT WITH REACTIVE METALS, SUCH AS ALUMINUM, ZINC, MAGNESIUM AND COPPER, CAN CAUSE THE FORMATION OF FLAMMABLE HYDROGEN GAS WHICH CAN FORM AN EXPLOSIVE MIXTURE WITH AIR.
Aerosol Level (NFPA 30B): N/A
NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
H --Health 0 --Flammability 1 --Instability W --Special

SECTION V - HEALTH HAZARD DATA

TLV: Not Determined for Mixture. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

EYE CONTACT: CORROSIVE. CAUSES BURNS, CORNEAL DAMAGE AND POSSIBLE BLINDNESS. INGESTION: CORROSIVE. CAUSES BURNS TO THE MOUTH, THROAT, ESOPHAGUS AND GASTROINTESTINAL MEMBRANES WITH NAUSEA, PAIN AND VOMITING. INHALATION: MAY CAUSE BURNS TO THE RESPIRATORY TRACT, NOSE, MOUTH, LUNGS AND THROAT, WITH DISCOMFORT, NASAL DISCHARGE, SNEEZING, COUGHING AND CHEST PAIN. EXCESSIVE INHALATION MAY CAUSE CHEMICAL PNEUMONIA. SKIN CONTACT: CORROSIVE. CAUSES

SECTION V - HEALTH HAZARD DATA (Continued)

BURNS AND POSSIBLE DEEP ULCERATIONS OR SCARRING.

-Chronic (Long Term Exposure)

NO CHRONIC EFFECTS KNOWN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND BRONCHITIS. TARGET ORGANS: NONE KNOWN. THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY. THE PRIMARY ROUTE OF EXPOSURES ARE SKIN AND EYE CONTACT.

Primary Routes of Entry: <--Inhalation <--Ingestion <--Absorption

Emergency and First Aid Procedures:

-Inhalation:

REMOVE PERSON FROM THE AREA TO FRESH AIR. HAVE THE PERSON BLOW THEIR NOSE TO REMOVE THE SUBSTANCE FROM THE NASAL PASSAGES AND DISCOURAGE FROM INHALING FURTHER. IF NOT BREATHING, CLEAR THE AIRWAY AND START MOUTH TO MOUTH ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

-Eye Contact:

IMMEDIATELY RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES. HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

-Skin Contact:

IMMEDIATELY WIPE AWAY MATERIAL WITH A CLOTH WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH THOROUGHLY WITH LARGE AMOUNTS OF SOAP AND WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. DISCARD OR CLEAN CLOTHING AND SHOES.

-Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

-Notes to Physician:

THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

MONOSODIUM PHOSPHATE ANHYDROUS

SKN-RBT SDT: 0.0/8.0 NON IRRITATING 3.

EYE-RBT SDT: 1.3/110 PRACTICALLY NON-IRRITATING 3.

ORL-RBT LD50: 7100 MG/KG 3.

SKN-RBT LD50: > 7940 MG/KG 3.

ALKYL NAPHTHALENE SULFONATE

NOT TOXICITY DATA AVAILABLE

SODIUM HYDROXIDE

EYE-RBT SDT: 50 UG/24H SEVERE 4.

SKN-RBT SDT: 500 MG/24H SEVERE 4.

ORL-RBT LDLO: 500 MG/KG 4.

MUTAGENICITY: CYTOGENETIC ANALYSIS-HAM LUNG: 10 MMOL/L 4.

SODIUM BISULFATE

ORL-RAT LD50: 2800 MG/KG 3.

VOC CONTENT: 0.05 LBS/GAL (6.5 G/L)

SECTION VII - REACTIVITY DATA

Stability: X <--Stable <--Unstable

Conditions to Avoid:

DAMP OR WET CONDITIONS AS WATER WILL CAUSE CAKING AND THE GENERATION OF HEAT.

Incompatibility (Materials to Avoid):

OXIDIZING AGENTS, REDUCING AGENTS, ACIDS, TIN, ALUMINUM, ZINC CHROMIUM, BRASS, BRONZE, MAGNESIUM AND WATER

Hazardous Decomposition Products:

OXIDES OF CARBON AND SULFUR. HYDROGEN GAS MAY ALSO BE LIBERATED WHEN EXPOSED TO REACTIVE METALS.

Hazardous Polymerization:

<--May Occur X <--Will Not Occur

Conditions to Avoid:

N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:

WEAR APPROPRIATE PROTECTIVE CLOTHING. TRANSFER SOLID INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. AVOID CREATING DUSTY CONDITIONS.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Neutralizing Agent:

USE DILUTE ACIDS SUCH AS HYDROCHLORIC ACID, OR VINEGAR. ADD CAUTIOUSLY WHILE MIXING.

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:

GENERAL MECHANICAL VENTILATION IS NORMALLY ADEQUATE.

Respiratory Protection:

NONE REQUIRED UNDER NORMAL CONDITIONS OF USE. A NIOSH/MSHA APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE DUSTING EXISTS.

Glove Protection:

NEOPRENE OR NITRILE RUBBER GLOVES SHOULD BE WORN.

Eye Protection:

CHEMICAL GOGGLES AND A FACE SHIELD SHOULD BE WORN.

Other Protection:

A SAFETY SHOWER AND AN EYEWASH STATION SHOULD BE AVAILABLE. WEAR PROTECTIVE CLOTHING.

SECTION IX - SPECIAL PROTECTION INFORMATION (Continued)

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors--> X Outdoors--> Heated--> Refrigerated-->
 Minimum Temperature: N/A Maximum Temperature: N/A

Precautions to be Taken in Handling and Storing:

ALWAYS STORE MATERIAL IN ITS ORIGINAL CONTAINER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT STORE IN DAMP OR MOIST CONDITIONS AS PRODUCT MAY CAKE OR CLUMP AND GENERATE HEAT. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES WHICH MAY EXHIBIT THE HAZARDS OF THE PRODUCT.

Other Precautions:

KEEP FROM REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

SECTION XI - REGULATORY INFORMATION

Chemical Name	CAS Number	Upper & Limit
None		

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer.
 This MSDS is not intended for users in the state of California.

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1999.
2. OSHA PEL
3. VENDOR'S MSDS.
4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINFODisc, 2000.

ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE, CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, N/E:NOT ESTABLISHED, CUC:CLEVELAND OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE CLOSED CUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT, NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT: MUTAGENIC, ASPHYX:ASPHYXIAN, PNOC: PARTICULATES NOT OTHERWISE CLASSIFIED, SDT:STANDARD DRAIZE TEST, ORL: ORAL, HMN: HUMAN, IHL: INHALATION

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