

MSDS--RED-STREAK--M-M
MATERIAL SAFETY DATA SHEET RED STREAK, M/M

DATE OF ISSUE: 01/23/1998
SUPERCEDES: 08/01/1997

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms: N/A Trade Name & Synonyms: RED STREAK, M/M

Chemical Family: AQUEOUS CAUSTIC SOLUTION Formula Mixture: X

Manufacturer's Name: CHEMSEARCH DIV. OF NCH CORP.

Address: BOX 152170
IRVING, TX 75015

Prepared By: G ZIMMERMAN/CHEMIST
Product Code Number: 0058
Emergency Phone Number: 800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS:

Chemical Name (Ingredients): POTASSIUM HYDROXIDE
Hazard: CORROSIVE
TLV: N/E 1
PEL: 2MG/M3-C 2
STEL: 2MG/M3-C
CAS#: 1310-58-3

SECTION IIa - NON-HAZARDOUS INGREDIENTS

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

Secret Registry #: 409363-5150P

SECTION III - PHYSICAL DATA

Boiling Point (f): 271.00
Specific Gravity (H2O=1): 1.45 @ 15.6 C
Vapor Pressure (MM HG): 39 @ 60
Color: COLORLESS
Vapor Density (Air=1): N/A
Odor: ODORLESS
PH @ 100%: 14
Clarity: CLEAR
Volatile by Volume: 55
Evaporation Rate (BU A/C=1): N/A
H2O Solubility: COMPLETE
Viscosity: NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: NON-FLAM /
Flammable Limits: N/A LEL: N/A UEL: N/A

Extinguishing Media:

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Foam: X Alcohol Foam: X CO2: X
Dry Chemical: X Water Spray: X Other: X

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:

USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Aerosol Level (NFPA 30B): N/A

NFPA 704 Hazard Rating:

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Health: 2 Flammability: 0 Instability: 0 Special:

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute(Short Term Exposure)

EYE CONTACT: CORROSIVE. CAUSES BURNS, CORNEAL DAMAGE AND POSSIBLE BLINDNESS. SKIN CONTACT: CORROSIVE. CAUSES BURNS AND POSSIBLE DEEP ULCERATIONS OR SCARRING. BURNS MAY NOT BE IMMEDIATELY PAINFUL OR VISIBLE. INHALATION: CAUSES BURNS TO THE RESPIRATORY TRACT, NOSE, MOUTH AND THROAT, WITH DISCOMFORT, NASAL DISCHARGE, SNEEZING, COUGHING AND CHEST PAIN. DUE TO VISCOUS NATURE OF THE PRODUCT, INHALTION OF MIST IS NOT ANTICIPATED DURING NORMAL USE. INGESTION: CORROSIVE. CAUSES BURNS TO THE MOUTH AND THROAT; NAUSEA AND PAIN.

-Chronic (Long Term Exposure)

NO EFFECTS OTHER THAN A THOSE ASSOCIATED WITH ACUTE EXPOSURE ARE KNOWN. TARGET ORGANS: NONE KNOWN. ALTHOUGH THERE IS NO PRIMARY ROUTE OF ENTRY INTO THE BODY, THE PRIMARY ROUTE OF EXPOSURE IS SKIN AND EYE CONTACT. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS.

Primary Routes of Entry: Inhalation: Ingestion: Absorption:

Emergency and First Aid Procedures:

-Inhalation:

REMOVE FROM THE AREA TO FRESH. IF NOT BREATHING, CLEAR AIRWAY AND START MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

-Eye Contact:

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

-Skin Contact:

WASH AFFECTED AREAS WITH LARGE AMOUNTS OF SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE.

-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:

N/A

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NONE REQUIRED WITH NORMAL USE. WEAR A NIOSH-APPROVED RESPIRATOR FOR MISTS.

Glove Protection:
NEOPRENE OR SILVERSHIELD(TM) SHOULD BE WORN.

Eye Protection:
CHEMICAL SPLASH GOGGLES OR FACE SHIELD SHOULD BE WORN.

Other Protection:
WEAR PROVIDED SAFETY KIT GEAR AT ALL TIMES WHEN HANDLING AND USING THIS PRODUCT.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors: X Outdoors: Heated:
Refrigerated:

Minimum Temperature: 32°F. Maximum Temperature: 120°F.

Precautions to be taken in Handling and Storing:
STORE IN A COOL, DRY PLACE IN ORIGINAL CONTAINER. PRODUCT IS CORROSIVE TO TIN, ALUMINUM, ZINC AND ALLOYS WITH THESE METALS. EXCESSIVE HEAT, BOILING AND SPATTERING MAY OCCUR WITH CONTACT WITH WATER. WASH THOROUGHLY AFTER HANDLING. DO NOT USE WHERE ACID PRODUCTS MAY HAVE BEEN USED.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

SECTION XI - REGULATORY INFORMATION

Chemical Name CAS Number Upper % Limit

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

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1995-1996.
2. OSHA PEL.
3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR.
4. VENDOR'S MSDS.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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