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REMEL INC -- FERRIC CHLORIDE 10% (PHENYLALANINE DEAMINASE REAGENT)

6550-01-359-5094

Product ID:FERRIC CHLORIDE 10% (PHENYLALANINE DEAMINASE REAGENT)

MSDS Date:07/12/1995

FSC:6550

NIIN:01-359-5094

Status Code:A

MSDS Number: CLLGN
=== Responsible Party ===

Company Name: REMEL INC Address: 12076 SANTA FE DRIVE

Box:14428

City:SHAWNEE MISSION

State:KS ZIP:66215-35

19

Country:US

Info Phone Num:913-888-0939/800-255-6730

Emergency Phone Num:800-447-3641 800-447-3635 Resp. Party Other MSDS Num.:PRODUCT NO. 21-218

CAGE:7V410

=== Contractor Identification ===

Company Name: REGIONAL MEDIA LABORATORIES

Address:12076 SANTA FE DRIVE

Box:City:LENEXA

State:KS

ZIP:66215-3594

Country:US

Phone:800-447-3641 (TECH) 800-447-363

CAGE:UO481

Company Name: REMEL

Address:12076 SANTA FE DR

Box:14428 City:LENEXA State:KS ZIP:66215

Country:US

Phone:800-447-3641

CAGE:JO731 Company N ame:REMEL INC

Address:12076 SANTA FE DRIVE

Box:14428

City:SHAWNEE MISSION

State:KS

ZIP:66215-3519 Country:US

Phone:913-888-0939/800-255-6730

CAGE:7V410

======= Composition/Information on Ingredients ========

Ingred Name: FERRIC CHLORIDE

CAS:10025-77-1 RTECS #:NO5425000

Fraction by Wt: 12.0% %WT

Ingred Name: HYDROCHLORIC ACID

CAS:7647-01-0

RTECS #:MW4025000 Fraction by Wt: 25.0% ML OSHA PEL:C7 MG/M3;C5 PPM ACGIH STEL:C7.5 MG/M3;C5 PPM

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingre

d Name:DISTILLED WATER

CAS:7732-18-5 RTECS #:ZC0110000

Fraction by Wt: 975.0%ML

========= Hazards Identification ============

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:DANGER. CORROSIVE, MAY CAUSE BURNS OR
IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AVOID BREATHING
VAPOR AND EYE/SKIN CONTACT. TRAGET ORGAN EFFECTS: HYDROCHLORIC
ACID-RESPIRATORY FUNCTIONS, SKIN DE RMATITIS.TARGET ORGANS EFFECTS:

**HYDROCHLOR** 

IC ACID-RESPIRATORY FUNCTIONS, SKIN DERMATITS. Explanation of Carcinogenicity: HYDROCHLORIC ACID-IARC; NOT CLASSIFIABLE AS HUMAN CARCINOGEN (GROUP 3). HUMAN AND ANIMAL EVIDENCE IS INADEQUATE. Effects of Overexposure: DANGER. CORROSIVE, MAY CAUSE BURNS OR IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AVOID BREATHING VAPOR AND EYE/SKIN CONTACT. TARGET ORGANS EFFECTS: HYDROCHLORIC ACID-RESPIRATORY FUNCTIONS, SKIN DE RMATITS. Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EX ISTING EYE, SKIN OR RESPIRATORY DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS SUBSTANCE. First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CALL PHYSICIAN. EYE/SKIN CONTACT: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN. INGESTION: GIVE WATER, CALL PHYSICIAN IMMEDIATELY. Extinguishing Media: USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS. Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE EQUIPMENT. Unusual Fire/Explosion Hazard: GIVES OFF TOXIC FUMES OF HYDROGEN CHLORIDE. ======== Accidental Release Measures ============ Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT AS SPECIFIED . AVOID BREATHING VAPORS OR S KIN CONTACT.APPARATUS CONTAIN SPILL. NEUTRALIZE WITH SODA OR LIME, AND ABSORB WITH INERT MATERIAL. SCOOP UP AND PLACE IN APPROVED DO T CONTAINER. FLUSH AREA WITH EXCESS WATER. Neutralizing Agent: SODA OR LIME

============= Handling and Storage ==========================

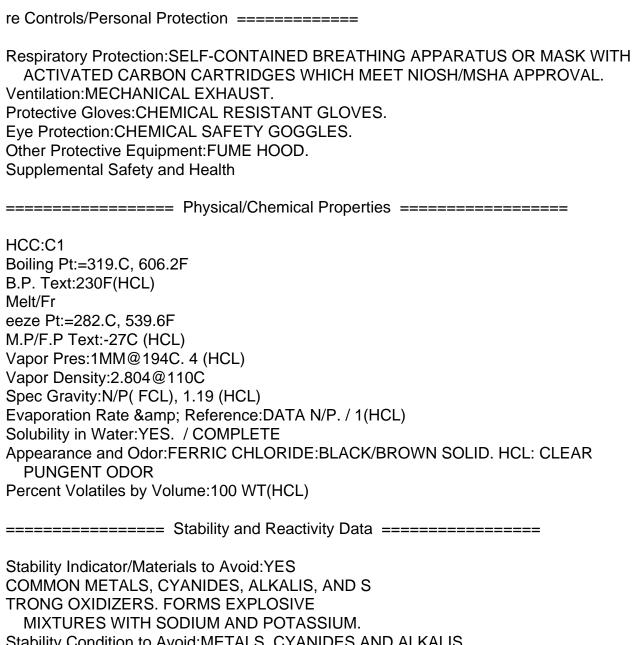
Handling and Storage Precautions: STORE AT 2-8C. KEEP CONTAINER TIGHTLY

Other Precautions: DANGER CORROSIVE, MAY CAUSE BURNS OR IRRITATION TO

CLOSED.

====== Exposu

SKIN, EYES OR RESPIRATORY TRACT.



Stability Condition to Avoid: METALS, CYANIDES AND ALKALIS.

Hazardous Decomposition Products: HYDROGEN CHLORIDE GAS AND HYDROGEN FORMED UPON CORROSION WITH METALS; VERY FLAMMABLE.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

======= Disposal Considerations ============

Waste Disposal Methods: ENSURE COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICEN

## SED DISPOSAL AGENCY.

=========== Other Information ===============

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