

GENLABS

29 CFR 1910 1200

**MATERIAL SAFETY DATA SHEET  
OSHA'S HAZARD COMMUNICATION STANDARD  
U.S DEPARTMENT OF LABOR**

OMB NO.1218-0072

IDENTITY # 01835

NAME: **ZAP RESTORER**

**SECTION 1**

MANUFACTURES NAME - **GENLABS** (FORMERLY CHEMICAL CORP.)

ADDRESS: 5568 SCHAEFER AVE,

CITY: CHINO STATE: CA

**EMERGENCY PHONE:** (CHEMTREC) 1-800-424-9300

**PHONE:** 1-909-591-9451

**CONTACT PERSON:** ROBERT MUNION

DATE PREPARED: 11/20/00

**SECTION 2**

**HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

| HAZARDOUS COMPONENTS | CAS#    | OHSA PEL | ACGIH TLV WEIGHT%(OPTIONAL) |
|----------------------|---------|----------|-----------------------------|
| HYDROCHLORIC ACID*   | 7647010 | 5PPM     | 5PPM                        |
| SULFURIC ACID        | 7664939 | 1MG/M3   | 1M6/M3                      |

NOTE: \*A SARA 313 CHEMICAL

VOC CONTENT: <10 G/L

**SECTION 3**

**PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT >212 F\_

VAPOR PRESSURE - NOT TESTED

VAPOR DENSITY - NOT TESTED

SPECIFIC GRAVITY - 1.080

MELTING POINT- NOT TESTED

EVAPORATION RATE - NOT TESTED

SOLUBILITY IN WATER 100%

APPEARANCE AND ODOR: **COLORLESS, MINT ODOR**

**SECTION 4**

**FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT - NONE

FLAMMABLE LIMITS - NOT TESTED

LEL - NONE

PH - 5-2.0

NFPA HAZARD RATING -

(0-LEAST, 4 EXTREME)

H F

2 0

UEL-NONE

DOT# ORM-D

R S

0 0

EXTINGUISHING MEDIA - NONE

SPECIAL FIRE FIGHTING PROCEDURE - NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS - NONE

**SECTION 5**

**REACTIVITY DATA**

STABILITY - STABLE

CONDITIONS TO AVOID - NONE

INCOMPATIBLE MATERIAL TO AVOID - STRONG OXIDIZERS, AMMONIA

HAZARDOUS DECOMPOSITION OR BYPRODUCTS - CO. CO2

HAZARDOUS POLYMERIZATION - NONE

CONDITIONS TO AVOID - NONE

## SECTION 6 HEALTH HAZARD DATA

### ROUTES OF ENTRY

INHALATION? POSSIBLE

SKIN? POSSIBLE

INGESTION? POSSIBLE

HEALTH HAZARDS - SAME AS SIGNS AND SYMPTOMS OF EXPOSURES

NOTE - ALL CHEMICALS INCORPORATED IN THIS PRODUCT ARE FOUND ON THE TSCA INVENTORY LIST.

### SIGNS AND SYMPTOMS OF OVER EXPOSURE:

**EYES:** BURNING SENSATION

**SKIN:** SEVERE IRRITATION

**INGESTIONS:** SEVERE BURNING IRRITATION

**INHALATION:** BURNING IRRITATION

MEDICAL CONDITIONS GENERALLY AGGRAVED BY EXPOSURE - SAME AS SIGNS AND SYMPTOMS OF OVER EXPOSURE.

### EMERGENCY AND FIRST AID PROCEDURES:

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CALL PHYSICIAN

**SKIN:** WASH OFF WITH SOAP AND WATER. IF IRRITATION PERSISTS, CALL PHYSICIAN

**INGESTION:** DRINK LARGE AMOUNTS OF WATER, CALL PHYSICIAN

**INHALATION:** GET PERSON TO FRESH AIR. IF UNCONSCIOUS, CALL PHYSICIAN.

## SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED** - SOAK UP WITH INERT, ABSORBANT MATERIAL. SCOOP UP AND PLACE IN A PROPER WASTE DISPOSAL CONTAINER.

**WASTE DISPOSAL METHOD** - DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING** - STORE IN A COOL, DRY PLACE. OUT OF DIRECT SUNLIGHT. DO NOT FREEZE, LESS THAN OR EQUAL TO 32 F OR HEAT ABOVE 110F.

**OTHER PRECAUTIONS** - KEEP OUT OF REACH OF CHILDREN. FOLLOW DIRECTIONS ON THE CONTAINER FOR PROPER USE OF THIS

## SECTION 8 CONTROL MEASURES

**RESPIRATORY PROTECTION** - OPEN ALL DOORS AND WINDOWS. "IF" THERE IS AN EXPOSURE. AND IT IS ABOVE THE TLV OR PEL, A NIOSH APPROVED RESPIRATOR EQUIPPED FOR THE EXPOSURE OR SUITABLE RESPIRATORY PROTECTION PER 29 CRF 1910.134, IS REQUIRED.

**VENTILATION** LOCAL EXHAUST - IF AVAILABLE SPECIAL - NONE

MECHANICAL - IF AVAILABLE OTHER - NONE

**PROTECTIVE GLOVES** PLASTIC OR RUBBER, CHEMICAL RESISTANT

**EYE PROTECTIONS** GLASSES, GOGGLES

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT** CHEMICAL RESISTANT CLOTHING

**WORK HYGIENIC PRACTICES** - USE COMMON SENSE AND CARE AROUND CHEMICALS. NEVER MIX CHEMICALS. CONSULT YOUR SUPERVISOR FOR OTHER PRACTICES. ALL PRACTICES DEPEND ON YOUR SPECIFIC BUSINESS. DIRECTIONS FOR USE ARE NORMALLY FOUND ON LABEL WHICH WILL DETERMINE ENGINEERING AND CONTROL MEASURES.

### OTHER SPECIAL REQUIREMENT

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