

MANUFACTURE INFORMATION

#1172

MANUFACTURE: WARD'S NATURAL SCIENCE ESTABLISHMENT, INC.
ADDRESS 1...:5100 W HENRIETTA RD EMERGENCY PHONE.....: 716-359-2502
ADDRESS 2...:PO BOX 92912 PREPARATION/REVISION DATE: 3-16-89
CITY/ST/ZIP::ROCHESTER NY 14692 LOCATION...: DIST.

OTHER LOCATIONS
DIST.

CONTACT/PREP KENNETH G. RAINIS (DIRECTOR)

TRADE NAME/SYNONYMS...: SODIUM HYDROXIDE (0.1M) MSDS # 1172
CHEMICAL NAME/SYNONYMS: SODIUM HYDROXIDE (0.1M)
CHEMICAL FAMILY.....: ALKALOID
FORMULA.....: MIXTURE
PRODUCT CODE.....: 37W9562 1000 ML

* HAZARDOUS MATERIALS IDENTIFICATION SYSTEM *
* RATING *
* HEALTH 2 *
* FIRE 0 *
* REACTIVITY 1 *
* PERSONAL PROTECTION *

***** HAZARDOUS INGREDIENTS *****

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS (Y,N,N/A,N/I) : Y

CHEMICAL/Common Name	CAS-Number	%	PEL-OSHA	TLV-ACGIH
SODIUM HYDROXIDE	1310-73-2	0.4%	N/A	N/A
WATER	N/A	99.6%	N/A	N/A

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, OR OSHA) (Y,N,N/A,N/I): N

***** HEALTH HAZARD DATA *****

HEALTH EFFECTS (ACUTE AND CHRONIC)

CAUTION. MAY CAUSE BURNS. HARMFUL IF SWALLOWED.
TOXICITY DATA: LDLO:500 MG/KG RABBIT NO TOXIC EFFECT NOTED.
THE ABOVE TOXICITY DATA IS FOR SODIUM HYDROXIDE.

PRIMARY ROUTES OF ENTRY

INGESTION: HARMFUL IF SWALLOWED.
SKIN/EYES: MAY CAUSE BURNS.
INHALATION: MATERIAL NOT AN INHALATION HAZARD IN THE FORM PROVIDED.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

HARMFUL IF SWALLOWED. MAY CAUSE BURNS TO SKIN AND EYES.

EMERGENCY FIRST AID PROCEDURES

INHALATION: NOT AN INHALATION HAZARD IN THE FORM PROVIDED.
EYE CONTACT: FLUSH WITH WATER FOR 15-20 MINUTES, INCLUDING UNDER EYELIDS.
CALL PHYSICIAN IF IRRITATION PERSISTS.

***** SPILL AND LEAK PROCEDURES *****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
NEUTRALIZE SPILL WITH SODIUM BISULFATE AND FLUSH TO SEWER WITH COPIOUS AMOUNTS OF WATER.

WASTE DISPOSAL METHOD

NEUTRALIZE WITH SODIUM BISULFATE AND FLUSH TO SEWER WITH COPIOUS AMOUNTS OF WATER.

***** EXPOSURE CONTROL INFORMATION *****

VENTILATION

LOCAL EXHAUST	NOT REQUIRED	MECHANICAL (GEN)	NOT REQUIRED
SPECIAL.....	NOT REQUIRED	OTHER.....	NOT REQUIRED

RESPIRATORY PROTECTION

NONE SHOULD BE REQUIRED IN NORMAL LABORATORY HANDLING.

PROTECTIVE GLOVES

NITRILE OR PUTYL RUBBER GLOVES.

OTHER PROTECTIVE EQUIPMENT

LAB COAT OR APRON, GOGGLES, FACE SHIELD, EYEWASH STATION.

OTHER ENGINEERING CONTROLS

NOT REQUIRED.

WORK PRACTICES

HAVE EYEWASH STATION IN CLOSE PROXIMITY.

HYGENIC PRACTICES

WASH HANDS WITH SOAP AND WATER FOLLOWING THE HANDLING OF THIS MATERIAL.

***** SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

STORE IN A COOL PLACE AWAY FROM ACIDS OR ACID FUMES. WASH THOROUGHLY AFTER HANDLING.

MAINTENANCE PRECAUTIONS

NOT APPLICABLE.

OTHER PRECAUTIONS

USE GOOD LABORATORY SAFETY PRACTICES. USE ONLY UNDER DIRECT SUPERVISION OF A QUALIFIED INDIVIDUAL TRAINED IN THE USE AND HAZARD CHARACTERISTICS OF THIS PRODUCT.

OTHER COMMENTS

MATERIAL FOR LABORATORY USE ONLY. NOT FOR HOUSEHOLD OR DRUG USE. KEEP OUT OF REACH OF CHILDREN. READ LABELS ON CONTAINER BEFORE USE. THE INFORMATION CONTAINED HEREIN IS FURNISHED WITHOUT WARRANTY OF ANY KIND. EMPLOYERS SHOULD USE THIS INFORMATION ONLY AS A SUPPLEMENT TO OTHER