

765-1292



#101556

4450 Cranwood Court
Cleveland, Ohio 44128

(216) 475-3600
Telex: 6873201 LOCTIT UW

MATERIAL SAFETY DATA SHEET

DATE: 12/28/88
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* ATTN: SAFETY SUPERVISOR

I. PRODUCT IDENTIFICATION

PRODUCT NAME: DURO TM NAVAL JELLY RUST DISSOLVER
PART NO.: 7651292 ✓ UPC CODE: (79340)- 80276
 7651291 ✓ 00000
PRODUCT TYPE: RUST DISSOLVER

II. COMPOSITION

INGREDIENTS	CAS. #	% WT.	ACGIH TLV	OSHA PEL
*PHOSPHORIC ACID	7664-38-2	25-30	1MG/M3	1MG/M3
SULFAMIC ACID	5329-14-6	<5	N/E	N/E
*ISOPROPYL ALCOHOL	67-63-0	<5	400PPM	400PPM
SILICON DIOXIDE(1)	7631-86-9	<1	6MG/M3	N/E
TER	7732-18-5	65-70	N/E	N/E
POLYSACCHARIDE	NONE	<5	N/E	N/E
ADDITIVES	NONE	<5	N/E	N/E
COLOR, ODOR	NONE	TRACE	N/E	N/E

(1) INHALATION OF SILICON DIOXIDE DUST HAS BEEN SHOWN TO CAUSE PULMONARY EFFECTS.
*THIS COMPONENT IS LISTED AS A SARA SECTION 313 TOXIC CHEMICAL
IT IS OUR BEST TECHNICAL JUDGMENT THAT WITH PROPER PRECAUTIONS,
NORMAL USE OF THIS PRODUCT POSES NO SUCH HAZARDS.

III. CHEMICAL AND PHYSICAL PROPERTIES

VAPOR PRESSURE : LOW
VAPOR DENSITY : UNKNOWN
SOLUBILITY IN WATER: COMPLETE
APPEARANCE : PINK GEL
SPECIFIC GRAVITY : 1.2
BOILING POINT : APPROX. 212 DEG F
PH : 1.5- 2.5
ODOR : GRAPE

IV. TOXICITY AND HEALTH HAZARD DATA

TOXICITY: IRRITANT
TOXIC BY INGESTION

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CARCINOGENICITY: NTP : N
IARC MONOGRAPHS: N
OSHA REGULATED: N
HMIS HAZARD COMMUNICATION CODES: HEALTH (3) FIRE (0) REACTIVITY (0)
TLV: 1MG/M3 (PHOSPHORIC ACID)
PRIMARY ROUTES OF ENTRY:
SKIN, INGESTION, INHALATION
EXISTING CONDITIONS AGGRAVATED BY EXPOSURE:
NONE KNOWN
SYMPTOMS OF OVEREXPOSURE:
MAY BE INJURIOUS TO EYES, SKIN, MUCOUS MEMBRANES.

EMERGENCY TREATMENT PROCEDURES:

INGESTION:

DO NOT INDUCE VOMITING. GIVE 1 OR 2 GLASSES OF WATER, MILK. CALL PHYSICIAN.

INHALATION:

REMOVE TO FRESH AIR.

SKIN CONTACT:

FLUSH THOROUGHLY WITH LARGE QUANTITIES OF WATER.

EYE CONTACT:

FLUSH WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION.

PERSONAL PROTECTION:

EYES: NONE NEEDED FOR NORMAL USE. SAFETY GLASSES FOR LARGE USAGE RECOMMENDED.

SKIN: RUBBER GLOVES RECOMMENDED.

VENTILATION:

SUFFICIENT TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

FLASH POINT: NONE

METHOD: NONE

EXPLOSIVE LIMITS(% BY VOLUME IN AIR) LOWER: UNK % UPPER: UNK %

RECOMMENDED EXTINGUISHING AGENTS: CO2, FOAM, DRY CHEMICAL

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:

NOT FLAMMABLE BUT HYDROGEN GAS MAY BE LIBERATED UPON METAL CONTACT.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

NONE KNOWN

COMPRESSED GASES:

NAME: NONE

PRESSURE AT ROOM TEMPERATURE:

VI. REACTIVITY DATA

STABILITY:

1X1 STABLE

11 UNSTABLE

HAZARDOUS POLYMERIZATION:

11 MAY OCCUR

1X1 WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS(NON-THERMAL):

NONE KNOWN

INCOMPATIBILITY:

CAUSTICS

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VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

NEUTRALIZE WITH ALKALINE MATERIAL SUCH AS SODA ASH OR LIME. SOAK UP
WITH INERT MATERIAL. FLUSH AREA WITH WATER.

RECOMMENDED METHODS OF DISPOSAL:

LANDFILL FOLLOWING EPA AND LOCAL REGULATIONS.

CERCLA REPORTABLE QTY(IN LBS.):

RCRA HAZARDOUS WASTE NO.:

VIII. STORAGE AND HANDLING PROCEDURES

STORAGE: KEEP FROM FREEZING.

HANDLING: AVOID CONTACT WITH SKIN AND EYES.

IX. SHIPPING REGULATIONS

TYPE OR CLASS DOT: ORM-D

IATA: CLASS 8, CORROSIVE

OPER SHIPPING NAME

DOT: CONSUMER COMMODITY

IATA: CORROSIVE LIQUID, N.O.S. NA1760

PREPARED BY: KATHRYN A. HOLEN
TITLE: ENVIR. HEALTH AND SAFETY SPECIALIST
DATE: 12/16/88
SUPERSEDES: NEW ISSUE
N/A = NOT APPLICABLE
EST = ESTIMATE
DNA = DOES NOT APPLY
UNK = UNKNOWN
N/E = NOT ESTABLISHED

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