

#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 IM NAVAL JELLY RUST DISSOLVER

PART NO.: 7651292// UPC CODE: (79340)- 80276

7651291 V 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
~SOPROPYL ALCOHOL	67-6 3-0	< 5	400PPM	400PPM
LICON DIOXIDE(1)	7631-86-9	<1	6MG/M3	N/E
TER	7732-18-5	65-70	N/E	N/E
POLY SACCHAR IDE	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

IARC MONOGRAPHS: N

DSHA REGULATED: N

HMIS HAZARD COMMUNICATION CODES: HEALTH (3) FIRE (0) REACTIVITY (0)

TLV: IMG/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 PHYSICIA

INHALATION:

PEMOVE 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:

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

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

STABIL ITY: 1 X I STABLE HAZARDOUS POLYMERIZATION: MAY OCCUR 1 1 HAZARDOUS DECOMPOSITION PRODUCTS(NON-THERMAL):

]] UNSTABLE IXI WILL NOT OCCUR

NONE KNOWN

INCOMPATABILITY:

CAUSTICS

500



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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