

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

MANUF / DIST: Hartland Lubricants & Chemicals  
2455 Commercial Drive  
Sparta WI 54656

PREPARER PHONE: 608-487-9770

24 HR EMERGENCY: PERS 1-800-633-8253

TRADE NAME / SYNONYMS: **Hartland DISSOLVE**

CHEMICAL NAME / SYNONYMS: NOT APPLICABLE

CHEMICAL FAMILY: NOT APPLICABLE

FORMULA: PROPRIETARY

PRODUCT CODE: NOT APPLICABLE

## SECTION 2. HAZARDOUS IDENTIFICATION

### SECTION 1 HAZARDOUS MATERIAL IDENTIFICATION SYSTEM

#### HAZARD WARNING

4 - Extreme

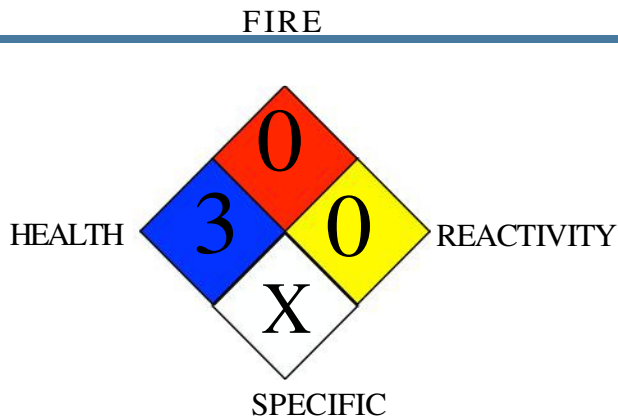
3 - High

2 - Moderate

1 - Slight

0 - Insignificant

X- See Section IV & V of SDS Sheet



**Signal Word: WARNING! - FOR HEALTH EFFECTS (Acute and Chronic): SEE SECTION 11**

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

NAMES OF HAZARDOUS INGREDIENTS: See CFR29§1910.1200 (i)-(13)

CHEMICAL / COMMON NAME CAS#

PERCENTAGE

Sodium Hydroxide 1310-73-2

>1

Tetrasodium EDTA 64-02-8

>1

Surface Active Agents TRADE SECRET

[ exact % withheld as trade secret ]

PEL-OSHA TLV-ACGIH

2mg/mg<sup>3</sup> 2mg/m<sup>3</sup>

N/D N/D

N/A N/A

**THIS PRODUCT DOES NOT CONTAIN CARCINOGENS: (NTP, IARC, OSHA):**

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## SECTION 4 - FIRST AID MEASURES

### EMERGENCY FIRST AID PROCEDURES:

- a) Skin - Wash with running water.
- b) Eyes - Flush with large amounts of water, lifting upper and lower lids occasionally.
- c) Inhalation - If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
- d) Ingestion - Immediately drink 2 glasses of water and induce vomiting by either giving IPECAC syrup or by placing fingers at the back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Not considered a fire hazard.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

INCOMPATIBILITY (Material To Avoid):

Avoid contact with acids and strong oxidizers such as chlorine, permanganate, etc.

### HAZARDOUS DECOMPOSITION PRODUCTS:

After water evaporates, burning may produce oxides of carbon, traces of sulfur and nitrogen oxides and traces various hydrocarbons.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Absorb the large spill on suitable absorbent. Wash the residue down the drain or pit with plenty of water. Small spills can be flushed down the drain with plenty of water. CAN BE SLIPPERY ON SMOOTH SURFACES.

## SECTION 7 - HANDLING AND STORAGE

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

- a) Do not store under freezing conditions or above 120 degrees F.
- b) Protect from physical damage and keep tightly closed.
- c) Do not store near acids or acidic materials and oxidizers.
- d) Containers with concentrate should be marked slippery on floor surfaces

### MAINTENANCE PRECAUTIONS:

When working with FLAMMABLE material electrically ground all equipment and use only non-sparking tools.

### OTHER PRECAUTIONS:

- a) Containers, even those that have been emptied will retain product residue and vapors. Always obey hazard warnings.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### VENTILATION:

LOCAL EXHAUST: Below TLV(s) MECHANICAL (GENERAL): EXPLOSION PROOF

SPECIAL: N/A

OTHER: N/A

RESPIRATORY PROTECTION: Not needed.

PROTECTIVE GLOVES: Not mandatory but recommended

OTHER PROTECTIVE EQUIPMENT: N/A

### OTHER ENGINEERING CONTROLS:

Eye wash and quick drench facilities.

### WORK PRACTICES:

Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product.

Provide adequate ventilation.

### HYGIENIC PRACTICES:

Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking. Remove contaminated clothing promptly and wash thoroughly before reused.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                                     |       |                                 |       |
|-------------------------------------|-------|---------------------------------|-------|
| BOILING POINT (F):                  | >212  | SPECIFIC GRAVITY (WATER=1):     | 1.1   |
| VAPOR PRESSURE (mmHg):              | N/D   | PERCENT VOLATILE BY VOLUME (%): | 70    |
| VAPOR DENSITY (AIR=1):              | N/D   | EVAPORATION RATE (WATER=1):     | 1     |
| SOLUBILITY IN WATER                 | 100 % | FLASH POINT (Method Used):      | None  |
| FLAMMABLE LIMITS: LEL= N/A UEL= N/A |       | pH                              | 11/12 |

Melting pt-N/A /freezing pt 30+-°F/Relative density N/A

APPEARANCE,ODOR,VISCOSITY:: Thin amber foaming liquid , no specific odor.

## SECTION 10 - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

THIS PRODUCT IS STABLE

## SECTION 11 - TOXICOLOGICAL INFORMATION

SEE SECTION 3, COLUMNS (PEL-OSHA)AND(TLV-ACGIH) -

HEALTH EFFECTS (Acute and Chronic):

\*Acute\*:

- a) Eyes - Can cause severe irritation, redness, tearing, blurred vision.
- b) Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.
- c) Inhalation - mild irritation
- d) Ingestion - Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea.

\*Chronic\* None known

PRIMARY ROUTES OF ENTRY: a) Skin b) Inhalation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

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## SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: N/A

100% BIODEGRADABLE

ECOTOXICOLOGICAL INFORMATION: N/A

## SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:

Dispose of according to local, state and federal regulations for biodegradable soaps and detergents.

## SECTION 14 - TRANSPORT INFORMATION

SHIPPING INFO, UN/NA #'s, LABEL INFO NECESSARY OR SUGGESTED:

COMPOUNDS, CLEANING LIQUID,8, NA-1760, PG II, CORROSIVE, (SODIUM HYDROXIDE)

KEEP OUT OF THE REACH OF CHILDREN!

## SECTION 15 - REGULATORY INFORMATION

THIS PRODUCT DOES NOT CONTAIN CARCINOGENS: (NTP, IARC, OSHA)

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## **SECTION 16 - OTHER INFORMATION**

### **KEEP OUT OF THE REACH OF CHILDREN!**

IN CLOSE COOPERATION OF THE US GOVERNMENT'S PAPER REDUCTION ACT, AND ALSO IN EFFORT TO PROVIDE FULL AND COMPLETE INFORMATION AS SUGGESTED BY THE OSHA GUIDELINES, AND KEEPING IN ALIGNMENT WITH THE SOCIETY for CHEMICAL HAZARD COMMUNICATION (SCHC) AND WE HAVE BEEN ABLE TO KEEP ALL IN 4 PAGES..

THESE SDS SHEETS ARE WRITTEN IN AN EFFORT TO PROVIDE INFORMATION TO THE WORKER IN THE WORKPLACE AND IN SUCH A WAY IT CAN BE UNDERSTOOD.

We have enjoyed many compliments as to the readability and understandable content, and take great pride in providing these Safety Data Sheets to the use of our customers.

The International Labour Organization has suggested 16 sections of the sheets, and we have re adjusted the 8 part, and rearranged the information, and renamed the sheets from MATERIAL Safety Data Sheets to SAFETY DATA SHEETS. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. IT IS PROVIDED FOR A CONTINUING SAFETY PROGRAM INITIATED BY THE MANUFACTURER/DISTRIBUTOR NAMED ON THIS SHEET. IT IS NOT INTENDED TO CONSTITUTE PERFORMANCE INFORMATION CONCERNING THE PRODUCT. NO EXPRESS WARRANTY, OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE WITH RESPECT TO THE PRODUCT OR THE INFORMATION CONTAINED HEREIN.

Please note that several items were left out of section 9 because they do not affect the worker in the workplace. Partition coefficient: n-octanol/water;

- Auto-ignition temperature; • Decomposition temperature and Odor threshold.