

MATERIAL SAFETY DATA SHEETS (MSDS)

ITEM # 79546 LOREN/MILL CREEK WIPE OUT/FT WAYNE EFFECTIVE 08/08/2001  
MILL CREEK MARKETING (SEE SECTION 10 FOR ADDRESS/PHONE #)

\*\*\*\*\* SECTION 1 - MATERIAL IDENTIFICATION \*\*\*\*\*

- 1. CHEMICAL NAME AND SYNONYMS ..... N/E
- 2. TRADE NAME AND SYNONYMS ..... LOREN/MILL CREEK WIPE OUT/FT WAYNE
- 3. CHEMICAL FAMILY ..... AN AQUEOUS SOLUTION OF GLYCOL ETHERS,  
SILICATES AND SURFACTANTS.
- 4. FORMULA ..... 27-134-22
- 5. HAZARDOUS RATING SYSTEM VIA HMIS  
HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PERSONAL PROTECTION = B

\*\*\*\*\* SECTION 2 - HAZARDOUS INGREDIENTS \*\*\*\*

| 1. INGREDIENT                                | % (UNITS) | TLV    |
|--|-----------|--------|
| SODIUM METASILICATE 6834-92-0                | <5%       | 1MG/M3 |
| ETHYLENE GLYCOL MONO BUTYL<br>ETHER 111-76-2 | <6%       | 25 PPM |
| NITRILOTRIACETIC ACID 139-13-9**             | <5%       | N/E    |
| **CALIFORNIA PROP 65                         |           |        |

TSCA: ALL COMPONENTS LISTED.

\*\*\*\*\* SECTION 3 - PHYSICAL DATA \*\*\*\*\*

- 1. BOILING POINT ( F) ...199 DEG F
- 2. VAPOR PRESSURE (MM HG)N/E
- 3. VAPOR DENSITY (AIR = 1) ..N/E
- 4. SOLUBILITY IN WATER ..COMPLETE
- 5. APPEARANCE AND ODOR ..CLEAR PURPLE LIQUID BUTYL ODOR
- 6. SPEC. GRAVITY(WATER=1)1.07
- 7. % VOLATILE BY VOLUME N/E
- 8. EVAP. RATE (N-BUTYLACETATE = 1) .. N/E
- 9. FREEZING/MELTING POINT (DEG/F) .. 23
- 10. PH OF SOLUTION .....12.8
- 11. HEAT OF SOLUTION ....N/E

\*\*\*\*\* SECTION 4 - FIRE AND EXPLOSION HAZARD \*\*\*\*\*

- 1. FLASH POINT (METHOD USED)..... NONFLAMMABLE
- 2. FLAMMABLE LIMITS ..... LEL N/A UEL N/A
- 3. EXTINGUISHING MEDIA ..... USE APPROPRIATE EXTINGUISHING  
MEDIA FOR THE SURROUNDING FIRE.
- 4. SPECIAL FIRE FIGHTING PROCEDURES ..... SELF-CONTAINED BREATHING APPARATUS  
AND FULL PROTECTIVE CLOTHING SHOULD BE WORN WHEN FIGHTING FIRES INVOLVING  
CHEMICALS.
- 5. UNUSUAL FIRE AND EXPLOSION HAZARDS.... NONE

\*\*\*\*\* SECTION 5 - SPECIAL PRECAUTIONS \*\*\*\*

- 1. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ..
- 2. OTHER PRECAUTIONS ..... N/E

\*\*\*\*\* SECTION 6 - HEALTH HAZARD DATA \*\*\*\*\*

- 1. THRESHOLD LIMIT VALUE ..... N/E
- 2. OVEREXPOSURE EFFECTS/COMMENTS .....
- 2B. EXPOSURE LIMITS/DATA .....  
OSHA: N/E ACGIH: N/E  
PEL/TWA: TLV/TWA:  
PEL/CEILING: TLV/STEL:  
OTHER EFFECTS/DATA:  
EYES: IRRITATION, STINGING, REDNESS.  
SKIN: IRRITATION, DRYING.  
INGESTION: NAUSEA, VOMITING.  
INHALATION: N/E

- 3. EMERGENCY & FIRST AID PROCEDURES .....
- 3B. ADDITIONAL DATA ..... EYES: Immediately flush with of  
water for at least 15 minutes while keeping eye lids opened. Get medical attention  
if irritation persists. SKIN: Wash with plenty of soap and water. Wash  
contaminated clothing before re-use. Get medical attention if irritation persists.  
INGESTION: Give milk or water to dilute. Induce vomiting. Get immediate medical  
attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!!! INHALATION:  
Remove victim to fresh air. If person is having difficulty in breathing, perform  
artificial respiration and get immediate medical attention.

\*\*\*\*\* SECTION 7 - REACTIVITY DATA \*\*\*\*\*

- 1. UNSTABLE ..
- 2. STABLE .. X

N/A = NOT APPLICABLE N/E = NONE ESTABLISHED  
(CONTINUED ON NEXT PAGE)

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- 3. INCOMPATIBILITY (MATERIALS TO AVOID) . STRONG ACIDS AND OXIDIZING AGENTS
- 4. HAZARDOUS DECOMPOSITION PRODUCTS ..... NONE KNOWN
- 5. HAZARDOUS POLMERIZATION ..... NO
- 6. CONDITIONS TO AVOID ..... N/E

\*\*\*\*\* SECTION 8 - SPILL OR LEAK PROCEDURES \*\*\*\*\*

WEAR NECESSARY PERSONAL PROTECTIVE EQUIPMENT. DIKE

AREA TO PREVENT SPREADING OF SPILLED MATERIAL.  
COVER WITH AN INERT ABSORBENT, SHOVEL INTO APPROPRIATE CONTAINERS AND DISPOSE OF  
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. 50056-1 50056-2

\*\*\*\*\* SECTION 9 - SPECIAL PROTECTION INFORMATION \*\*\*\*\*

- 1. RESPIRATORY PROTECTION (SPECIFY TYPE). NONE NORMALLY NEEDED.
- 2. VENTILATION ..... ROOM VENTILATION IS NORMALLY ADEQUATE.
- 3. SPECIAL ..... TO PREVENT SKIN CONTACT
- 4. PROTECTIVE GLOVES ..... AS NEEDED.
- 5. EYE PROTECTION ..... SAFETY GLASSES OR GOGGLES ARE ALWAYS RECOMMENDED.
- 6. OTHER PROTECTIVE EQUIPMENT ..... EYEWASH AND SHOWER FOR EMERGENCY USE SHOULD BE LOCATED IN THE WORKING AREA.

\*\*\*\*\* SECTION 10 - INFORMATION SOURCES \*\*\*\*\*

THIS INFORMATION PROVIDED BY:WARSAW CHEMICAL CO., INC.  
INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH  
OSHA'S 'HCA' AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.  
800-253-7865 574-267-3251  
MILL CREEK MARKETING  
8055 EAST DIVISION ROAD  
MILL CREEK, IN 46365

\*\*\*\*\* SECTION 11 - EMPTY CONTAINER INFORMATION \*\*\*\*\*

ANY DISPOSAL PRACTICES MUST BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS.  
ANY QUESTIONS REGARDING DISPOSAL SHOULD BE DIRECTED TO THE PROPER GOVERNMENT  
AGENCY.

\*\*\*\*\* SECTION 12 - TRANSPORTATION REQUIREMENTS \*\*\*\*\*

|                            |               |
|----------------------------|---------------|
| DOT CLASSIFICATION .....   | NOT REGULATED |
| PROPER SHIPPING NAME ..... | NOT REGULATED |
| UN# -OR- NA# .....         | N/A           |

N/A = NOT APPLICABLE

N/E = NONE ESTABLISHED