



**Material Safety Data Sheet**

**NDT VICTORY**

Gurtler Industries, Inc.  
15475 South LaSalle Street  
South Holland, IL 60473  
(708) 331-2550  
(800) 638-7300

In Case Of Emergency (24 hours)  
INFOTRAC (800) 535-5053

For Information  
(708) 331-2550

**SECTION 1 - IDENTIFICATION**

COMPANY NAME: Gurtler Industries, Inc.  
15475 South LaSalle Street  
South Holland, IL 60473  
PHONE NUMBER: 708-331-2550  
EMERGENCY NUMBER: INFOTRAC (800) 535-5053 - 24 Hours Everyday  
EFFECTIVE DATE: 8/28/01h  
PREPARED BY: Justin Yohn  
TRADE NAME: NDT Victory  
GENERAL USE: Liquid Alkaline Laundry Detergent

**SECTION 2 - INGREDIENT INFORMATION**

| OSHA HAZARDOUS COMPONENTS<br>(29CFR1910.1200) | CAS REGISTRY<br>NO. | PEL (OSHA)                    | TLV (ACGIH)<br>(Units)        | HAZARDOUS %  |
|---|---------------------|-------------------------------|-------------------------------|--------------|
| Alkyl phenol ethoxylate                       | 9016-45-9           | N.E.                          | N.E.                          | Eye irritant |
| Sodium Hydroxide                              | 1310-73-2           | 2 mg/m <sup>3</sup> (ceiling) | 2 mg/m <sup>3</sup> (ceiling) |              |

This product is not subject to the toxic chemical reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

**SECTION 3 - HEALTH HAZARD DATA**

**HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (H.M.I.S.) HAZARD RATINGS**

|                           |           |                         |            |
|---------------------------|-----------|-------------------------|------------|
| Hazard Rating Scale       | 0-None    | 1-Slight                | 2-Moderate |
|                           | 3-Serious | 4-Severe                |            |
| HMIS Health (Acute) ..... | 3         | HMIS Flammability ..... | 1          |
| HMIS Reactivity.....      | 2         |                         |            |

**EMERGENCY OVERVIEW**

Appearance and Odor ..... A pink liquid with no noticeable odor.

**EFFECTS OF ACUTE OVEREXPOSURE**

Routes of Entry (X) Inhalation (X) Skin

Inhalation..... Inhalation of solution mist can cause mild irritation at 2 mg/m<sup>3</sup>. More severe burns and tissue damage at the upper respiratory tract can occur at higher concentrations. Pneumonitis can result from severe exposures.

Skin ..... Major potential hazard – contact with the skin can cause severe burns with deep ulcerations. Contact with solution or mist can cause multiple burns with temporary loss of hair at burn site. Solutions of 4% may not cause irritation and burning for several hours, while concentrated solutions can cause these effects in less than 3 minutes.

Eyes ..... Major potential hazard – liquid in the eye can cause severe destruction and blindness. These effects can occur rapidly, effecting all parts of the eye. Mist or dust can cause irritation, with high concentrations causing destructive burns.



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Ingestion ..... Ingestion of this product can cause severe burning and pain in lips, mouth, tongue, throat and stomach. Severe scarring of the throat can occur after swallowing. Death can result from ingestion.

Chronic toxicity ..... No known chronic effects.

### **SECTION 4 - FIRST AID MEASURES**

IN CASE OF EYE CONTACT: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention immediately.

IN CASE OF SKIN CONTACT: Remove contaminated clothing immediately and wash skin thoroughly for a minimum of 15 minutes with large quantities of water (preferably a safety shower). Get medical attention immediately.

IF INHALED: Move person to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

IF INGESTED: If patient is conscious, give large quantities of water to dilute caustic. Do not induce vomiting. Get medical attention immediately.

### **SECTION 5 - FIREFIGHTING MEASURES**

Flash Point ..... >420°F (COC)

Flammable Limits ..... N/A

Lower Flame Limit ..... N/A

Higher Flame Limit ..... N/A

Extinguish Media ..... Water spray, foam, CO<sub>2</sub>, or dry chemical may be used.

Special Procedures ..... Wear full protective clothing. Avoid direct contact of this product with water as heat is generated when water is contacted with this product. Avoid direct contact as product is corrosive.

Unusual Fire Hazards..... See reactivity data

### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

For Spill ..... Clean-up personnel must wear protective equipment. Completely contain spill material with dikes, sandbags, etc. and prevent run-off into ground or surface water or sewers. Recover as much material as possible into containers for disposal. Remaining material may be diluted with water and neutralized with dilute inorganic acid. Neutralization products both liquid or solid, must be recovered for disposal.

Waste Disposal Method ..... Recovered solids or liquids may be sent to a licensed reclaimer or disposed of in a permitted waste management facility. Consult federal, state or local disposal authorities for approved procedures.

### **SECTION 7 - HANDLING AND STORAGE**

Handling & Storage ..... Follow protective controls set forth below. Store unused product in closed properly labeled containers. Do not remove or deface labels or tags. If diluting, add product slowly to water. Never add water to product as spattering may occur. Wear protective clothing when handling product.

Other Precautions ..... Contact of caustic products with food, beverage products (in enclosed vessels or spaces) can produce lethal concentrations of carbon monoxide gas.

### **SECTION 8 - PERSONAL PROTECTION**

Respiratory Protection ..... Where concentrations exceed 2 mg/m<sup>3</sup>, use high efficiency particulate filter with full face piece or self contained breathing apparatus.

Ventilation ..... Local Exhaust: Not normally required. Mechanical: As required to maintain concentrations in air below 2 mg/m<sup>3</sup> at all times.

Protective Gloves ..... Neoprene, PVC or rubber gloves.

Eye Protection ..... Chemical goggles which are splash proof and face shield.

Other Protective Equipment ..... Showers and eye wash facilities should be accessible.

Work/Hygienic Practices ..... Safety shower, eye bath and washing facilities should be available.

### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**



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**GUATLER**  
INDUSTRIES, INC.

|                                      |                |   |         |
|--------------------------------------|----------------|---|---------|
| Boiling Point.....                   | >212°F (100°C) | Freezing Point (F) .....                    | N/A     |
| Volatility/Vol (%).....              | N.E.           | Melting Point .....                         | N.E.    |
| Evaporation Rate.....                | N.E.           | Vapor Density (Air=1) .....                 | N.E.    |
| Solubility in H <sub>2</sub> O ..... | Complete       | Specific Gravity (H <sub>2</sub> O=1) ..... | 1.280   |
| pH (1% solution).....                | 12.4           | Viscosity @ 25°C (77°F) .....               | 800 cps |

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### **SECTION 10 - STABILITY AND REACTIVITY**

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|                               |  |
|-------------------------------|--|
| Chemical Stability.....       | Stable   |
| Conditions to Avoid .....     | Direct contact with incompatible material in confined spaces which will produce excessive heat or hazardous by-products.   |
| Incompatible Materials .....  | Direct contact with water (heat is generated), aluminum, tin, zinc, alloys containing these metals. Do not mix with strong acids without dilution and agitation. Contact with leather, organic halogen compounds, acid, wool, organic nitro compounds. |
| Decomposition Products .....  | Flammable hydrogen gas may be produced when contacted with above metals. CO, CO <sub>2</sub> , oxides of nitrogen or sulfur.   |
| Hazardous Polymerization..... | Will not occur   |

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### **SECTION 11 - OTHER INFORMATION**

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For help in a chemical transportation emergency, call INFOTRAC: 1-800-535-5053

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