



**Material Safety Data Sheet**

**NDT SOUR/SOFTENER**

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  
708-331-2550  
PHONE NUMBER:  
EMERGENCY NUMBER: INFOTRAC (800) 535-5053 - 24 Hours Everyday  
EFFECTIVE DATE: 8/28/01  
PREPARED BY: Justin Yohn  
TRADE NAME: NDT Sour/Softener  
GENERAL USE: Liquid Laundry Sour/Softener

**SECTION 2 - INGREDIENT INFORMATION**

OSHA HAZARDOUS COMPONENTS (29CFR1910.1200)	CAS REGISTRY NO.	PEL (OSHA)	TLV (ACGIH) (Units)	HAZARDOUS %
Methyl bis (Alkyl Amidoethyl) 2 Hydroxyethyl Ammonium Methyl Sulfate, Ethoxylated	68410-69-5	N.E.	N.E.	
Hydroxyacetic Acid	79-14-1	N.E.	N.E.	

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 .....	0		

**EMERGENCY OVERVIEW**

Appearance and Odor ..... Light blue opaque liquid with a light fragrance  
Symptoms of Overexposure ..... Irritation and discomfort, rash. Stomach discomfort, nausea.

**EFFECTS OF ACUTE OVEREXPOSURE**

Routes of Entry: (X) Inhalation  
(X) Skin Irritation  
(X) Ingestion

Eyes ..... Irritation, discomfort, tearing, blurring of vision, higher exposures can cause eye corrosion with corneal or conjunctival ulceration.

Skin ..... Irritation with discomfort or rash, higher exposures can cause skin burns or ulceration.

Inhalation..... Irritation or corrosion of mucous membranes with upper and lower respiratory irritation.

Ingestion..... Corrosion of mucous membranes with stomach discomfort, nausea and prostration.

Medical Conditions Generally  
Aggravated by Exposure ..... Ingestion may aggravate pre-existing liver and kidney conditions. Skin contact may irritate a pre-existing dermatitis.



# NDT SOUR/SOFTENER

## Material Safety Data Sheet

### SECTION 4 - FIRST AID MEASURES

**IN CASE OF EYE CONTACT:** Immediately flush with large amounts of water for 15 minutes. Seek medical attention.

**IN CASE OF SKIN CONTACT:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder before re-use.

**IF INHALED:** Remove to fresh air. If breathing is difficult, administer oxygen and seek medical attention.

**IF INGESTED:** Immediately drink two (2) large glasses of water. Call a physician.

### SECTION 5 - FIREFIGHTING MEASURES

Flash Point ..... >200°F

Flammable Limits ..... None

Lower Flame Limit ..... N/A

Higher Flame Limit ..... N/A

Extinguish Media ..... Dry chemical, water fog, foam or carbon dioxide.

Special Procedures ..... Use equipment suitable for ordinary combustible materials. Combustion products may include sulfur and nitrogen compounds. Water or foam may cause frothing which can be violent, especially if sprayed into containers of hot burning liquids.

Unusual Fire Hazards..... Contact with metals may produce flammable hydrogen gas.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill ..... Stop spill at source. Dike area of spill to prevent spreading. Pump liquid into salvage tank. Neutralize spill with lime or soda ash. Absorb liquid with absorbent material and shovel into approved containers. This product is toxic to fish. Prevent run-off to streams or other bodies of water.

Waste Disposal Method ..... Incineration is the recommended disposal method for all chemical waste. Material neutralized on absorbent material may be land filled in accordance with all applicable local, state and federal laws and regulations.

### SECTION 7 - HANDLING AND STORAGE

Handling & Storage ..... Eye wash station and safety shower should be near work area.

Other Precautions ..... Spilled material is slippery. Wash thoroughly after handling.

### SECTION 8 - PERSONAL PROTECTION

Respiratory Protection ..... None normally required.

Ventilation ..... Local Exhaust: Normally not required. Possible in high mist or vapor areas. Mechanical: As required to keep vapors below exposure limits.

Protective Gloves ..... Neoprene or BUNA-N

Eye Protection ..... Chemical splash goggles are recommended.

Other Protective Equipment ..... Wear protective clothing to prevent repeated and prolonged contact.

Work/Hygienic Practices ..... As with all chemicals, keep direct contact with the product to a minimum.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point ..... >212°F

Volatility/Vol (%) ..... N/A

Evaporation Rate..... N.E.

Solubility in H<sub>2</sub>O ..... Complete

Freezing Point (F)..... N.E.

Melting Point..... N/A

Vapor Density (Air=1) ..... N.E.

Specific Gravity (H<sub>2</sub>O=1) ..... 1.033



## NDT SOUR/SOFTENER

### Material Safety Data Sheet

Page 3 of 3

Print Date 1/27/2004

---

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

---

Chemical Stability..... Stable  
Conditions to Avoid ..... None  
Incompatible Materials ..... Strong oxidizing agents, metals, cyanides, sulfides.  
Decomposition Products ..... Combustion may cause formation of sulfur and nitrogen compounds, carbon monoxide.  
Hazardous Polymerization..... Will not occur

---

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

---

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

#### DISCLAIMER:

The information in this MSDS was obtained from sources which we believe to be reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION, OR WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS ACCURACY OR CORRECTNESS.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control.

FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.