



**Material Safety Data Sheet**

**NDT SOUR PLUS**

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

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**SECTION 1 - IDENTIFICATION**

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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: 3/1/06  
PREPARED BY: Jessica Milchak  
TRADE NAME: NDT Sour Plus  
GENERAL USE: Liquid Laundry Sour

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**SECTION 2 - INGREDIENT INFORMATION**

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OSHA HAZARDOUS COMPONENTS (29CFR1910.1200)	CAS REGISTRY NO.	OSHA PEL	TLV (Units)	HAZARDOUS %
Phosphoric Acid	7664-38-2	TWA 1 mg/m <sup>3</sup>	TW 1 mg/m <sup>3</sup>	20-25%

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.

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**SECTION 3 - HEALTH HAZARD DATA**

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**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) .....	2		HMIS Flammability .....	0
HMIS Reactivity .....	0			

**EMERGENCY OVERVIEW**

Appearance and Odor ..... A clear pink liquid with no noticeable odor.  
Symptoms of Overexposure ..... Irritant, slightly toxic when inhaled or ingested. Causes burns to exposed tissue.

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**SECTION 4 - FIRST AID MEASURES**

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IN CASE OF EYE CONTACT: Flush for 15 minutes with water. If irritation persists, obtain medical attention.  
IN CASE OF SKIN CONTACT: Wash with water.  
IF INHALED: Remove from exposure.  
IF INGESTED: Rinse mouth with water. Drink large quantities of water to dilute product. Do not induce vomiting.



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**SECTION 5 - FIREFIGHTING MEASURES**

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Flash Point ..... Non flammable  
Flammable Limits ..... None  
Lower Flame Limit ..... N/A  
Higher Flame Limit ..... N/A  
Extinguish Media ..... N/A  
Special Procedures ..... Use full protective clothing and self-contained breathing apparatus.  
Unusual Fire Hazards..... Thermal decomposition emits toxic fumes of oxides of phosphorus.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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For Spill ..... Dike and neutralize (neutralizing chemicals: lime, soda ash)  
Waste Disposal Method ..... Dispose according to federal, state and local regulations. After neutralization, landfill should normally be suitable.

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**SECTION 7 - HANDLING AND STORAGE**

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Handling & Storage ..... Store in a cool, dry, well ventilated location.  
Other Precautions ..... Corrosive to milk steel and aluminum equipment.

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**SECTION 8 - PERSONAL PROTECTION**

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Respiratory Protection ..... For severe vapor mist, use NIOSH certified breathing apparatus.  
Ventilation ..... Local Exhaust: Normally not required. Mechanical: Normally adequate to keep below control levels.  
Protective Gloves ..... Neoprene or rubber to avoid skin contact.  
Eye Protection ..... Chemical goggles  
Other Protective Equipment ..... Wear contact is likely, rubber apron and boots.  
Work/Hygienic Practices ..... Eyewash facilities should be available.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Boiling Point .....	102°C (215°F)	Freezing Point (F).....	N/A
Volatility/Vol (%).....	N/A	Melting Point.....	Unknown
Evaporation Rate.....	N/A	Vapor Density (Air=1) .....	Non-volatile
Solubility in H <sub>2</sub> O .....	100%	Specific Gravity (H <sub>2</sub> O=1) .....	1.184

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**SECTION 10 - STABILITY AND REACTIVITY**

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Chemical Stability..... Stable  
Conditions to Avoid ..... None  
Incompatible Materials ..... Reactive metals (e.g. mild steel and aluminum) and strong bases.  
Decomposition Products ..... At flame temperatures, will emit toxic phosphorus oxide fumes.  
Hazardous Polymerization..... Will not occur  
Conditions to Avoid ..... None



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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

#### DISCLAIMER:

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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.

#### **HEALTH HAZARD DATA**

<b>Routes of Entry:</b>	(X) Inhalation	Severe irritant
	(X) Skin	Mild to severe irritant
	(X) Ingestion	Slightly toxic

**Acute:** Irritant, slightly toxic when inhaled or ingested.

**Chronic:** Slightly toxic with repeated inhalation or ingestion. Causes burns to exposed tissue.

**Medical Conditions Generally Aggravated by Exposure:** N.E.