



Material Safety Data Sheet

NDT BLEACH 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

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: 8/14/01
PREPARED BY: Justin Yohn
TRADE NAME: NDT Bleach Plus
GENERAL USE: Laundry Bleach

SECTION 2 - INGREDIENT INFORMATION

OSHA HAZARDOUS COMPONENTS (29CFR1910.1200)	CAS REGISTRY NO.	PEL (OSHA)	TLV (ACGIH) (Units)	HAZARDOUS %
Sodium Hypochlorite	7681-52-9	N.E.	N.E.	LD ₅₀ =5g/Kg Init. 15% W/W

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	0
HMIS Reactivity	1		

Health	3
Flammability	0
Reactivity	1

EMERGENCY OVERVIEW

Appearance and Odor A light yellow-green clear liquid with a pungent odor of chlorine.
Over Exposure Effects Acute: Irritating effects with time of exposure. Chronic: Constant irritant to eyes, throat.
Routes of Entry: (X) Inhalation Irritating to mucous membranes
(X) Skin Irritation, skin damage
(X) Ingestion Irritation of membranes to mouth and throat. Ulceration of stomach
Fumes from spills are very irritating to mucous membranes

SECTION 4 - FIRST AID MEASURES

IN CASE OF EYE CONTACT: Wash with copious amounts of water for 15 minutes. Consult with a physician immediately.
IF INHALED: Remove to fresh air.
IF INGESTED: Drink water to dilute and obtain medical attention. Do not use baking soda or acidic antidotes.



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SECTION 5 - FIREFIGHTING MEASURES

Flash Point Nonflammable
Lower Flame Limit N/A
Higher Flame Limit N/A
Extinguish Media Product is non-flammable. Use appropriate media to control surrounding fire.
Special Procedures Avoid fumes from spilled or exposed liquid. Dilute copiously, ventilate, and be prepared to use respiratory protection, if needed. Acid contamination will produce irritating fumes similar to chlorine gas.
Unusual Fire Hazards..... Decomposes with heat. Decomposition products may cause containers to rupture or explode. Vigorous reaction possible with organic materials or oxidizing agents which may result in fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill Flush with water to dilute as much as possible. Avoid heat and contamination with acidic materials. Do not use combustible materials such as sawdust to absorb.
Waste Disposal Method Reduce with chemicals listed below. Keep product alkaline, dilute with large quantities of water. Reducing agents: Bisulfites, Ferrous Salts, Peroxide.

SECTION 7 - HANDLING AND STORAGE

Handling & Storage Store in vented, closed, clean, non-corrosive containers in a cool, dry location, away from direct sunlight and away from reactive chemicals if spillage occurs.

SECTION 8 - PERSONAL PROTECTION

Respiratory Protection When fumes are present, use NIOSH approved respirator with acid type canister.
Ventilation Not normally required to keep below control levels.
Protective Gloves Rubber or plastic.
Eye Protection Goggles
Other Protective Equipment Rubber apron, boots to protect body from splashing conditions.
Work/Hygienic Practices Safety showers and eye wash fountains should be available in storage-handling areas.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	110°C (230°F)	Freezing Point (F).....	N.E.
Volatility/Vol (%).....	N.E.	Melting Point.....	N/A
Evaporation Rate.....	N.E.	Specific Gravity (H ₂ O=1)	1.22
Vapor Density (Air=1).....	N.E.	Solubility in H ₂ O.....	Complete

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability..... Unstable at elevated temperatures
Conditions to Avoid Heat, light exposure, acids, decrease in pH and with heavy metals such as nickel, cobalt, copper and iron.
Incompatible Materials Avoid contamination with heavy metals, reducing agents, organics, either, ammonia, acids.
Decomposition Products Hypochlorous acid, chlorine, hydrochloric acid, sodium chloride, sodium chlorate and oxygen.
Hazardous Polymerization..... Will not occur



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SECTION 11 - OTHER INFORMATION

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

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