



**Material Safety Data Sheet**

**DYNA-CLOR**

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: 8/10/01  
PREPARED BY: Justin Yohn  
TRADE NAME: Dyna-Clor  
GENERAL USE: Dry Chlorine Bleach

**SECTION 2 - INGREDIENT INFORMATION**

OSHA HAZARDOUS COMPONENTS (29CFR1910.1200)	CAS REGISTRY NO.	PEL (OSHA)	TLV (ACGIH) (Units)	HAZARDOUS %
Sodium Dichloroisocyanurate, dihydrate	2893-78-9	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) .....	2		HMIS Flammability .....
HMIS Reactivity.....	1		0

**EMERGENCY OVERVIEW**

Appearance and Odor..... White granular powder with mild chlorine-like odor.

**EFFECTS OF ACUTE OVEREXPOSURE**

**HARMFUL IF INHALED OR INGESTED  
HARMFUL IF EXPOSED TO SKIN OR EYES**

Inhalation ..... Inhalation of this material is irritating to the nose, mouth, throat and lungs. It may also cause burns to the respiratory tract with the production of lung edema which can result in shortness of breath, wheezing, choking, chest pain and impairment of lung function. Inhalation of high concentration can result in permanent lung damage. Chronic (repeated) inhalation exposure may cause impairment of lung function and permanent lung damage.

Skin ..... Dermal exposure can cause severe irritation and/or burns characterized by redness, swelling and scab formation. Prolonged skin exposure may cause destruction of the dermis with impairment of the skin at site of contact to regenerate. Effects from chronic skin exposure would be similar to those from single exposure except for effects secondary to tissue destruction.



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Eyes ..... Severe irritation and/or burns can occur following eye exposure. Contact may cause impairment of vision and corneal damage.

Ingestion ..... Irritation and/or burns can occur to the gastrointestinal tract, including the stomach and intestines, characterized by nausea, vomiting, diarrhea, abdominal pain, bleeding and/or tissue ulceration.

Medical Conditions Aggravated  
By Exposure ..... Asthma, respiratory and cardiovascular diseases.

**SECTION 4 - FIRST AID MEASURES**

**IN CASE OF EYE CONTACT:** Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Call a physician at once.

**IN CASE OF SKIN CONTACT:** Immediately flush with water for at least 15 minutes. Call a physician. If clothing comes in contact with the product, the clothing should be removed immediately and should be laundered before re-use.

**IF INHALED:** If person experiences nausea, headache or dizziness, person should stop work immediately and move to fresh air until these symptoms disappear. If breathing is difficult, administer oxygen, keep the person warm and at rest. Call a physician. In the event that an individual inhales enough vapor to lose consciousness, person should be moved to fresh air at once and a physician should be called immediately. If breathing has stopped, artificial respiration should be given immediately. In all cases, ensure adequate ventilation and provide respiratory protection before the person returns to work.

**IF INGESTED:** Immediately drink large quantities of water. DO NOT induce vomiting. Call a physician at once. DO NOT give anything by mouth if the person is unconscious or if having convulsions.

**SECTION 5 - FIREFIGHTING MEASURES**

Flash Point ..... N/A

Lower Flame Limit ..... N/A

Higher Flame Limit ..... N/A

Flammable Limits ..... Not determined

Extinguish Media ..... Use media to control surrounding fire. Do not use dry chemical extinguishers containing ammonium compounds.

Special Procedures ..... Use water to cool containers exposed to fire. Small fires - use water spray or fog. On large fires, use heavy deluge or fog streams. Flooding amounts of water may be required before extinguishment can be accomplished.

Unusual Fire Hazards ..... None

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

For Spill ..... If spilled material is still dry, clean-up with clean, dry, dedicated equipment and place in a clean, dry container. Spill residues: Dispose as noted below. The material may be neutralized for disposal. Call 800-654-6911 before beginning any such operation. Do not contaminate spill material with any organic material, ammonia, ammonia salts or urea.

Waste Disposal Method ..... Product does not meet the criteria of a hazardous waste as defined under 40 CFR 261. As a non-hazardous solid waste, it should be disposed of in accordance with local, state and federal regulations by treatment in a waste water treatment system. Care must be taken to prevent environmental contamination from the use of this product.

**SECTION 7 - HANDLING AND STORAGE**

Handling & Storage ..... Avoid contact with skin, eyes and clothing. Storage conditions: Store in a cool, dry, well ventilated area. Do not store above 140°F. Do not store in paper or cardboard. Keep containers closed when not in use. Protect from moisture at all times.

Other Precautions ..... Additional respiratory protection is necessary when a small spill involving this product occurs. Full face cartridge type NIOSH approved respirator with chlorine cartridge is recommended. All other responses to this product require the use of a self-contained breathing apparatus.



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**SECTION 8 - PERSONAL PROTECTION**

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Respiratory Protection..... Wear NIOSH/MSHA approved respirator equipped with chemical cartridges for protection against chlorine gas and a dust/mist type pre-filter.  
Ventilation ..... As required to minimize dust levels.  
Protective Gloves ..... Neoprene  
Eye Protection..... Chemical goggles  
Other Protective Equipment ..... Apron or impermeable suit to avoid skin and eye contact.  
Work/Hygienic Practices ..... As with all chemicals, keep direct contact with this product to a minimum.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Boiling Point.....	N/A	Freezing Point (F).....	N/A
Volatility/Vol (%).....	N/A	Melting Point.....	Decomposes
Evaporation Rate.....	N/A	pH (neat).....	N/A
Vapor Density (Air=1).....	N.E.		
Solubility in H <sub>2</sub> O.....	Appreciable		

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**SECTION 10 - STABILITY AND REACTIVITY**

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Chemical Stability..... Stable  
Conditions to Avoid ..... Elevated temperatures (store below 140°)  
Incompatible Materials ..... Other oxidizers, nitrogen containing compounds, dry fire extinguishers containing mono-ammonium phosphates.  
Decomposition Products ..... Nitrogen trichloride, chlorine, carbon monoxide.

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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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