

# Safety Data Sheet

## Dyna-Clor

SDS Revision Date:

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### 1. Identification

#### 1.1. Product identifier

**Product Identity** Dyna-Clor  
**Alternate Names** Dyna-Clor

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** Laundry Bleach  
**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** Gurtler Industries, Inc.  
15475 South LaSalle St.  
South Holland, IL 60473 US

#### Emergency

**24 hour Emergency Telephone No.** (708) 331-2550  
**Customer Service: Gurtler Industries, Inc.** INFOTRAC - (800) 535-5053

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Ox. Sol. 2;H272	May intensify fire; oxidizer.
Skin Irrit. 2;H315	Causes skin irritation.
Eye Irrit. 2;H319	Causes serious eye irritation.
STOT SE 3;H335	May cause respiratory irritation.
Aquatic Chronic 2;H411	Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H272 May intensify fire; oxidizer.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.



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H335 May cause respiratory irritation.  
H411 Toxic to aquatic life with long lasting effects.

**[Prevention]:**

- P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
- P220 Keep / Store away from clothing combustible materials.
- P221 Take any precaution to avoid mixing with combustibles.
- P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P321 Specific treatment (see information on this label).
- P332+313 If skin irritation occurs: Get medical advice / attention.
- P337+313 If eye irritation persists: Get medical advice / attention.
- P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P362 Take off contaminated clothing and wash before reuse.
- P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.
- P391 Collect spillage.

**[Storage]:**

- P403+233 Store in a well ventilated place. Keep container tightly closed.
- P405 Store locked up.

**[Disposal]:**

- P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium chloride CAS Number: 0007647-14-5	50 - 75	Not Classified	[1]
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt CAS Number: 0002893-78-9	10 - 25	Ox. Sol. 2;H272 Acute Tox. 4;H302 Eye Irrit. 2;H319 STOT SE 3;H335 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]



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<b>Triphosphoric acid, sodium salt (1:5)</b> CAS Number: 7758-29-4	10-20	Skin Irrit. 2: H315	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

#### Inhalation

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.

#### Eyes

Immediately flush with water while forcibly holding eyelids open for optimum irrigation for 15 minutes. Get medical attention immediately!

#### Skin

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.

#### Ingestion

Do NOT induce vomiting. Rinse mouth and slowly drink several glasses of water. Call a physician. Do NOT give anything by mouth to an unconscious or convulsing person.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Overview

**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.

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



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**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.

See section 2 for further details.

**Inhalation**

May cause respiratory irritation.

**Eyes**

Causes serious eye irritation.

**Skin**

Causes skin irritation.

### 5. Fire-fighting measures

**5.1. Extinguishing media**

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

**5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition: Nitrogen trichloride, chlorine, and carbon monoxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep / Store away from clothing combustible materials.

Take any precaution to avoid mixing with combustibles.

Avoid breathing dust / fume / gas / mist / vapors / spray.

**5.3. Advice for fire-fighters**

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.

**ERG Guide No.** ----

### 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

Put on appropriate personal protective equipment (see section 8).

**6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

**6.3. Methods and material for containment and cleaning up**

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.

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 wastewater treatment system. Care must be taken to prevent environmental contamination from the use of this product.



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### 7. Handling and storage

**7.1. Precautions for safe handling**

See section 2 for further details. - [Prevention]:

**7.2. Conditions for safe storage, including any incompatibilities**

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Other oxidizers, nitrogen-containing compounds, dry fire extinguishers containing mono-ammonium phosphates.

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

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.

See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

No data available.

### 8. Exposure controls and personal protection

**8.1. Control parameters**

**Exposure**

CAS No.	Ingredient	Source	Value
0002893-78-9	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0007647-14-5	Sodium chloride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0007758-29-4	Triphosphoric acid, sodium salt (1:5)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit



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### Carcinogen Data

CAS No.	Ingredient	Source	Value
0002893-78-9	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007647-14-5	Sodium chloride	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007758-29-4	Triphosphoric acid, sodium salt (1:5)	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

### 8.2. Exposure controls

#### Respiratory

Wear NIOSH/MSHA approved respirator equipped with chemical cartridges for protection against chlorine gas and a dust/mist type pre-filter.

#### Eyes

Chemical goggles.

#### Skin

Apron or impermeable suit to avoid skin and eye contact. Neoprene gloves are recommended.

#### Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

#### Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

**Appearance**

White powder

**Odor**

Mild Chlorine-Like Odor

**Odor threshold**

Not Measured

**pH**

Not Measured

**Melting point / freezing point**

Decomposes

**Initial boiling point and boiling range**

Not Measured

**Flash Point**

Not Measured

**Evaporation rate (Ether = 1)**

Not Measured

**Flammability (solid, gas)**

Not Applicable

**Upper/lower flammability or explosive limits**

**Lower Explosive Limit:** Not Measured

**Upper Explosive Limit:** Not Measured

**Vapor pressure (Pa)**

Not Measured

**Vapor Density**

Not Measured



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<b>Specific Gravity</b>	Not Measured
<b>Solubility in Water</b>	Appreciable
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not Measured
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	Not Measured

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

Strong Oxidizers

### 10.4. Conditions to avoid

Elevated temperatures (store below 140F)

### 10.5. Incompatible materials

Other oxidizers, nitrogen-containing compounds, dry fire extinguishers containing mono- ammonium phosphates.

### 10.6. Hazardous decomposition products

Nitrogen trichloride, chlorine, carbon monoxide.

## 11. Toxicological information

### Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium chloride - (7647-14-5)	3,550.00, Rat - Category: 5	10,000.00, Rabbit - Category: NA	No data available	No data available	No data available
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt - (2893-78-9)	1,420.00, Rat - Category: 4	No data available	No data available	No data available	No data available
Triphosphoric acid, sodium salt (1:5) - (7758-29-4)	3,120.00, Rat - Category: 5	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).



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Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause respiratory irritation.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium chloride - (7647-14-5)	1,100.00, Freshwater Fish	3,310.00, Daphnia magna	Not Available
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt - (2893-78-9)	0.23, Lepomis macrochirus	0.15, Daphnia magna	Not Available
Triphosphoric acid, sodium salt (1:5) - (7758-29-4)	Not Available	Not Available	Not Available

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.



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### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: Yes ( 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt )		
14.6. Special precautions for user	No further information		

### 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA )</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>US EPA Tier II Hazards</b>	<b>Fire:</b> No <b>Sudden Release of Pressure:</b> No <b>Reactive:</b> Yes <b>Immediate (Acute):</b> Yes <b>Delayed (Chronic):</b> No

#### EPCRA 311/312 Chemicals and RQs (lbs):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### Proposition 65 - Developmental Toxins (>0.0%):



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To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt

**Pennsylvania RTK Substances (>1%):**

1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt  
pentasodium triphosphate

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H272 May intensify fire; oxidizer.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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