


# ZOCHLOR

1. IDENTIFICATION	
Product name	: <b>ZOCHLOR</b>
Product code	: <b>90-12300</b>
Supplier	: Wood Wyant A division of Sani-Marc Group 42, rue de l'Artisan Victoriaville, Québec G6P 7E3
Identified uses	: Industrial applications: Sanitizer. DIN 00764914
Date of issue (YYYY-MM-DD)	: 2017-01-12
Other means of identification	: Not available.
Manufacturer	: Wood Wyant A division of Sani-Marc Group 42, rue de l'Artisan Victoriaville, Québec G6P 7E3
Uses advised against	: Only use this product as directed. Read label before using.
<b>In case of emergency : Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)</b>	

2. HAZARDS IDENTIFICATION	
Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.	
Product Classification	: OXIDIZING SOLIDS - Category 2 ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (inhalation) - Category 3 SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Signal word	: <b>Danger</b>
Hazard pictograms	: 
Hazard statements	: May intensify fire; oxidizer. Toxic if inhaled. May cause respiratory irritation. May cause severe eye damage. May be harmful if swallowed May cause skin irritation.
<u>Precautionary statements</u>	
General	: Corrosive material. May intensify fire; oxidizer. Handle with care. Read label before use. Keep out of reach of children.
Prevention	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing dust. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Keep away from combustible material. Specific protective equipment is suggested for this product. See section 8 for details.
Response	: IF INHALED: Move person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. IF ON SKIN: Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. Rinse with water. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	: Store container tightly closed in well-ventilated place.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	: No additional information.
Other hazards which do not result in classification	: None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

Ingredient name	CAS number	% (w/w)
Dichloroisocyanuric acid sodium salt	2893-78-9	60 - 100

Occupational exposure limits, if available, are listed in Section 8.

### 4. FIRST AID MEASURES

#### Description of required first aid measures

<b>Eye contact</b>	In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention. Chemical burns must be treated promptly by a physician. Get medical attention if blistering occurs or redness persists. Get medical advice/attention. Get medical attention if irritation persists.
<b>Skin contact</b>	Remove contaminated clothing and wash it before reuse. Chemical burns must be treated promptly by a physician. Get medical attention if blistering occurs or redness persists. Get medical attention if irritation occurs.
<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention. Chemical burns must be treated promptly by a physician.
<b>Inhalation</b>	Move victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention. If necessary, call a poison center or physician. Maintain an open airway.

#### Most important symptoms/effects, acute and delayed

<b>Eye contact</b>	Adverse symptoms may include the following: pain watering redness
<b>Skin contact</b>	Adverse symptoms may include the following: pain or irritation redness blistering may occur
<b>Ingestion</b>	Adverse symptoms may include the following: stomach pains nausea or vomiting headache diarrhea
<b>Inhalation</b>	Adverse symptoms may include the following: respiratory tract irritation coughing

**Notes to physician** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

<b>Suitable extinguishing media</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	Oxidizing material. May intensify fire.
<b>Hazardous thermal decomposition products</b>	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
<b>Special fire-fighting procedures</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required.
<b>Personal protection</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Cleaning method</b>	Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.
<b>Storage and Incompatibility</b>	Store in accordance with local regulations. Store locked up. Separate from reducing agents and combustible materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials (see Section 10).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure limits</b>	None.
<b>Appropriate engineering controls</b>	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
<b>Individual protection measures</b>	
<b>Eye/face protection</b>	Continued or severe exposures might require to wear a face shield or chemical splash goggles. It is minimally suggested to wear safety glasses while using or handling this product.
<b>Hands and Body protection</b>	It is suggested to wear chemical-resistant gloves while using or handling this product.
<b>Respiratory protection</b>	It is suggested to wear dust-protection mask for prolonged or intense exposures.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Solid.	<b>pH</b>	6 [Conc. (% w/w): 1%]	<b>Flash point</b>	Not available.
<b>Color</b>	White.	<b>Relative density</b>	Not available.	<b>Melting point</b>	Not available.
<b>Odor</b>	Chlorine	<b>Viscosity</b>	Not available.	<b>Boiling point</b>	Not available.
<b>Odor threshold</b>	Not available.	<b>Vapor pressure</b>	Not available.	<b>Fire point</b>	: Not available.
<b>Solubility in water</b>	: Not available.	<b>Vapor density</b>	: Not available.	<b>Evaporation rate</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.	<b>Auto-ignition temperature</b>	: Not available.		
<b>Partition coefficient: n-octanol/water</b>	: Not available.	<b>Flammability (solid, gas)</b>	: Not available.		
<b>Lower and upper explosive (flammable) limits</b>	: Not available.				

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	The product is stable.
<b>Incompatible materials</b>	Reactive or incompatible with the following materials: acids combustible materials reducing materials
<b>Conditions to avoid</b>	No specific data.

<b>Possibility of hazardous reactions</b>	Hazardous reactions or instability may occur under certain conditions of storage or use. Conditions may include the following: contact with combustible materials Reactions may include the following: risk of causing or intensifying fire
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

<b>Route of exposure</b>	Routes of entry anticipated: Oral, Dermal, Inhalation.	
	<u>Potential acute health effects</u>	<u>Symptoms</u>
<b>Eye contact</b>	May cause eye burn	Adverse symptoms may include the following: pain watering redness
<b>Skin contact</b>	May cause skin irritation.	Adverse symptoms may include the following: pain or irritation redness blistering may occur
<b>Ingestion</b>	Harmful if swallowed. May cause burns to mouth, throat and stomach.	Adverse symptoms may include the following: stomach pains nausea or vomiting headache diarrhea
<b>Inhalation</b>	Toxic if inhaled. May cause respiratory irritation.	Adverse symptoms may include the following: respiratory tract irritation coughing

### Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
Dichloroisocyanuric acid sodium salt	LC50 Inhalation Dusts and mists	Rat	847.5 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	1420 mg/kg	-

### Information on toxicological effects

<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Teratogenicity</b>	No known significant effects or critical hazards.
<b>Developmental effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.
<b>Sensitization</b>	Not available.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity data


Product/ingredient name	Result	Species	Exposure
Dichloroisocyanuric acid sodium salt	Acute EC50 0.11 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 0.217 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours

**Persistence and degradability** : Unknown    **Bioaccumulative potential** : Unknown    **Mobility in soil** : Unknown    **Other adverse effects** : Unknown

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods**                      Dispose content and container in accordance with local, regional and national regulation in force.

#### 14. TRANSPORT INFORMATION

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	TDG Placard
<b>TDG Classification</b>	2465	UN2465 DICHLOROISOCYANURIC ACID DRY (Dichloroisocyanuric acid sodium salt)	5.1	II	
Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.23-2.25 (Class 5).					
<u>Additional information</u>	See shipping documents for specific information on DOT, IMDG or IATA				

#### 15. REGULATORY INFORMATION

<u>Canadian lists</u>	
Canadian NPRI	None of the components are listed.
CEPA Toxic substances	None of the components are listed.
Canada inventory	All components are listed or exempted.
<u>International lists</u>	
United States	All components are listed or exempted.

#### 16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: white;">Health Hazard</td> <td style="width: 20px;"></td> <td style="text-align: center; font-weight: bold;">2</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">Fire Hazard</td> <td></td> <td style="text-align: center; font-weight: bold;">1</td> </tr> <tr> <td style="background-color: #ffff00;">Reactivity</td> <td></td> <td style="text-align: center; font-weight: bold;">1</td> </tr> <tr> <td style="background-color: #cccccc;">Personal Protection</td> <td></td> <td style="text-align: center; font-weight: bold;">C</td> </tr> </table>	Health Hazard		2	Fire Hazard		1	Reactivity		1	Personal Protection		C
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Notice to reader

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