

# MATERIAL SAFETY DATA SHEET

## Zochlor Chlorine Disinfectant Tablets

For MSDS update: 1-800-361-7691

#90-12300

By the criteria of the  
CONTROLLED PRODUCTS REGULATION  
this material is a CONTROLLED PRODUCT

### I MATERIAL IDENTIFICATION AND USE

**Supplier Identifier:** Wood Wyant Inc., 2345 Autoroute des  
Laurentides, Bureau 100,  
Laval, P.Q. H7S 1Z7

**WHMIS class:** C, D1B  
**Trade Name:** Zochlor Chlorine Disinfectant Tablets

**Recommended Use:** As a disinfectant / sanitizer  
(tablets must be diluted in water before using)

**Health Rating:** 0 = Insignificant 1 = Slight  
2 = Moderate 3 = High  
4 = Extreme

**Health:** 1      **Flammability:** 0      **Reactivity:** 0

**Special Warning:** None

### II HAZARDOUS INGREDIENTS

	TLV.	LD50	LC50	CAS	%
Sodium Dichloroisocyanurate	N. Av.	1825mg/Kg	N. Av.	2893-78-9	30-60
Adipic acid	N. Av.	N. Av.	N. Av.	124-04-9	10-30

### III PHYSICAL DATA

**Physical State:** Solid (tablet) **Vapour Density:** N.Av.  
**Odour:** Mild chlorine **% Non Volatile:** 29.2-29.5  
**Colour:** White  
**pH:** 5 – 6 (200ppm solution)  
**Specific Gravity:** N. Av.      **Clarity:** Opaque  
**Viscosity:** Water Thin **Boiling Point:** 100°C  
**Solubility in Water:** 100%

### IV FIRE and EXPLOSION DATA

**Flash Point (°C TCC):** None  
**Hazardous**  
**Combustion Products:** None  
**Extinguishing Media:** Water, dry chemical. Do not use fire  
extinguishers that contain ammonium compounds.  
**Unusual Fire and  
Explosive Hazards:** While this product is not flammable it may  
react with flammable or combustible materials.

**Special Procedures:** None

### V REACTIVITY DATA

**Stability:** Stable  
**Materials to Avoid:** Nitrogen / organic compounds and other  
oxidizers. Acids will liberate toxic gases. Do not mix with  
anything but water.  
**Hazardous Decomposition Products:** Product heated to greater  
than 250°C will burn and release chlorine gas and other fumes.  
Flood burning material with plenty of water or allow it to consume  
itself in open air. Use self-contained breathing apparatus to protect  
against fumes.

N. Av. = Not Available

### VI TOXICITY DATA

#### Primary Route of (Entry) Exposure:

**Inhalation:** Unlikely under normal use; powder from crushed pellets will  
irritate mucous membranes of nose and throat. Spray mists of  
ready-to-use 200 ppm available chlorine (RTU) solutions may  
irritate upper respiratory tract.

**Eyes:** Powder from tablets will cause serious irritation of eyes &  
surrounding tissues. RTU solutions will cause irritation of eyes  
and surrounding tissues.

**Skin:** Contact with skin may cause irritation. RTU solutions may cause  
irritation with casual contact.

**Ingestion:** Will cause pain to mouth, throat and oesophagus. Can cause  
nausea, vomiting, cramps and diarrhea. Aspiration of vomited  
material can cause injury to lungs.

**Acute:** None known

**Chronic:** None known

### VII FIRST AID

**Inhalation:** Remove to fresh air. Assist breathing as required.

**Eyes:** Immediately flush with cool water. Remove contact lenses,  
continue flushing for 15 minutes, holding eyelids apart to  
ensure rinsing of the entire eye. Contact a physician if  
irritation persists.

**Skin:** Immediately wash affected area with soap and water. Remove  
contaminated clothing. If irritation persists, contact a  
physician.

**Ingestion:** **DO NOT INDUCE VOMITING.** If victim is conscious,  
rinse mouth and give 1-2 glasses of water or milk. Consult a  
physician immediately. Never give anything by mouth to an  
unconscious person.

### VIII PREVENTATIVE MEASURES

**Gloves:** Wear protective rubber or neoprene gloves.

**Eye Protection:** Wear safety glasses when diluting to protect against splashes.

**Other Protective Equipment:** As required to prevent prolonged contact with  
skin or clothing or prevent inhalation of dusts.

#### Engineering Controls:

**Local Exhaust:** Not required.

#### Leak and Spill

**Procedures:** Pick up tablets and return to container if they are clean, dry and  
intact. Rinse area with water. If tablets become wet or contaminated, collect  
tablets and place in unsealed heavy duty plastic bags (less than 2 lbs. of material  
per bag). Do not combine tablets with any other material. Dispose in  
accordance with Municipal, Provincial and Federal regulations.

**Waste Disposal:** In accordance with Municipal, Provincial and Federal  
regulations. Do not throw unwanted tablets or product away into general trash.  
Rinse empty containers with water before disposal.

**Storage Requirements: KEEP OUT OF REACH OF CHILDREN.**  
Keep containers closed. Store at room temperature in a dry place.  
Store away from combustible and flammable material.

**Handling Procedures:** Avoid breathing dusts or RTU solution spray  
mists. Use in a manner that avoids generating dusts or spray  
mists. Remove and launder contaminated clothing. Do not mix  
with anything but water. Wash thoroughly after handling. Don't  
eat or drink while using product. Use with adequate ventilation.

### IX ADDITIONAL INFORMATION

**TDG Shipping Name:** OXIDIZING SOLID, N.O.S.  
(Dichloroisocyanuric Acid)  
Class 5.1 UN 1479 PG II

**Prepared by:** Health and Safety Service

**Date:** November 2009

**Revision based on updated data from Suppliers**

N. Ap. = Not applicable