

# SAFETY DATA SHEET

## SECTION 1 MATERIAL NAME / IDENTIFIER

**Salt Sun Block** WHMIS: Non Controlled

**Manufacturer's Name:** CAPO INDUSTRIES LTD  
**Street Address:** 1200 CORPORATE DRIVE  
**City:** BURLINGTON, ONTARIO  
**Postal Code:** L7L 5R6

**Emergency Telephone:** Canutec (613) 996-6666 (Collect)

**Chemical Name:** Cyanuric Acid  
**Chemical Family:** Organic acid  
**Chemical Formula:** C<sub>3</sub> H<sub>3</sub> N<sub>3</sub> O<sub>3</sub>  
**Trade Name & Synonyms:** Not available  
**Molecular Weight:** 129.07  
**Material Use:** Pool water stabilizer

## SECTION 2 HAZARDS IDENTIFICATION

**GHS classification:** None  
**Symbol(s)** None  
**Signal Word** None  
**Hazard statements** None  
**Precautionary statements** None

## SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS#	% Concentration
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No Regulated Components

## SECTION 4 FIRST AID MEASURES

**Inhalation:** No effects expected. If adverse effects occur, remove person to fresh air. If symptoms of overexposure occur, get medical attention.

**Skin Contact:** Wash hands thoroughly with soap and water. If irritation persists, get medical attention.

**Eye Contact:** Solids should be removed. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs, get medical attention.

**Ingestion:** No effects expected. If large amounts are ingested, get medical attention.

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**Note to physicians:** This material causes mild irritation to skin and eyes. Removing the material via irrigation is usually sufficient. There is no anecdote. Cyanuric acid is readily removed from the body via the renal system, and is not bioaccumulated. Treatment is supportive care.

## SECTION 5 FIRE – FIGHTING MEASURES

**Hazardous Combustion Products:** Cyanic acid, ammonia, oxides of carbon and oxides of nitrogen.  
**Unusual Fire or Explosion Hazards:** Not applicable  
**Sensitivity to Mechanical Impact:** None  
**Rate of Burning:** Not applicable  
**Explosive Power:** Not applicable  
**Sensitivity to Static Discharge:** None  
**Fire Extinguishing Media:** Use extinguishing agents appropriate for surrounding fire.  
**Instructions to the Fire Fighters:** Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.  
**Fire Fighting Protective Equipment:** Wear NIOSH approved positive-pressure self-contained breathing apparatus in pressure demand mode.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Leak And Spill Procedure:** Avoid contact with eyes. Avoid generating dust. When handling this material, wear appropriate personal protective equipment. Sweep up material and place in a clean, labelled container and seal. Keep out of water supplies and sewers.

## SECTION 7 HANDLING AND STORAGE

### HANDLING

**Handling Practices:** Avoid generating dust. Wash hands thoroughly after handling. Wear personal protective equipment.  
**Ventilation Requirements:** Local exhaust ventilation.

### STORAGE

**Ventilation Requirements:** Store in a cool, dry place.  
**Storage Requirements:** Keep separated from incompatible substances. Keep container closed when not in use.

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## SECTION 8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS

**Engineering Controls:** Use in a well ventilated area.

### PERSONAL PROTECTIVE EQUIPMENT

**Skin (Specify):** Butyl rubber, natural rubber, neoprene, nitrile or PVC gloves if skin contact is likely.

**Eye (Specify):** Safety glasses/goggles if eye contact is likely.

**Respiratory (Specify):** Wear NIOSH approved dust respirator.

**Other (Specify):** Eye wash and shower stations are close to work area.

## SECTION 9

## PHYSICAL DATA FOR MATERIAL

Physical State:	Gas	Liquid	Solid	<u>X</u>
<b>Odour &amp; Appearance:</b>	Mild odour, white, granular, free flowing			
<b>Odour Threshold (ppm):</b>	Not applicable			
<b>Flammability:</b>	<b>Yes</b>	<b>No</b>	<u><b>X</b></u>	
<b>If Yes, Under Which Conditions?:</b>				
<b>Auto Ignition Temperature (Celsius):</b>	Not applicable			
<b>Upper Explosion Limit (% By Volume):</b>	Not applicable			
<b>Lower Explosion Limit (% By Volume):</b>	Not applicable			
<b>Decomposition Temp (°C)</b>	350 – 360°C (662 – 680°F)			
<b>Specific Gravity:</b>	1.77			
<b>Viscosity:</b>	Not applicable			
<b>Vapour Pressure :</b>	0.000001 Pa@25°C			
<b>Vapour Density (Air-1):</b>	Not applicable			
<b>Flashpoint (°C)</b>	Not applicable			
<b>Evaporation Rate</b>	Not applicable			
<b>Boiling Point (°C):</b>	Not applicable			
<b>Freezing Point (°C):</b>	Not applicable			
<b>Solubility In Water (20°C):</b>	0.20 g/100 g water @ 25°C			
<b>% Volatile (By Weight)</b>	Not applicable			
<b>PH:</b>	Not available			
<b>Coefficient Of Water/Oil Distribution:</b>	Not applicable			

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## SECTION 10 STABILITY AND REACTIVITY

**Chemical Stability:** Yes  No

**If No, Under Which Conditions?:**

**Incompatibility To Other Substances:** Yes  No

**If So, Which Ones:** Oxidizing agents.

**Conditions to Avoid:** None known

**Hazardous Decomposition Products:** Cyanic acid, ammonia, oxides of carbon and oxides of nitrogen.

## SECTION 11 TOXICOLOGICAL INFORMATION

### ACUTE HEALTH EFFECTS

**Inhalation:** None expected. Inhalation of powder or fine particulates may cause irritation, cough.

**Skin Contact:** May cause slight skin irritation.

**Eye Contact:** May cause mild eye irritation.

**Ingestion:** No known effects.

**CHRONIC HEALTH EFFECTS:** None

**Other Health Effects:** May aggravate pre-existing conditions such as: eye disorders that decrease tear production or have reduced integrity of the eye; skin disorders that compromise the integrity of the skin; and respiratory conditions including asthma and other breathing disorders.

**LD 50 of Material (Specify Species and Routes):** 3400 mg/kg, Oral (Mouse), 7700 mg/kg, Oral (Rat),  
>5 g/kg, Dermal (Rabbit)

**LC 50 of Material (Specify Species and Routes):** >5.25 mg/l, Inhalation 4h (Rat)

**Exposure (Limits):** Not available

**Irritancy of Material** Mild skin and eye irritant.

**Sensitization of Material** None known

**Synergistic Materials** None known

**Carcinogenicity, Mutagenicity, Reproductive Effects, Teratogenicity:** None known

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## SECTION 12

## ECOLOGICAL INFORMATION

### Ecotoxicity

#### **Aquatic Toxicity**

This material is believed to be practically non-toxic to aquatic life.

#### **Fish Toxicity**

LC50 Bluegill sunfish: >1000 mg/l (96 hour)

LC50 Rainbow trout: >2100 mg/l (96 hour)

LC50 Fathead minnow: >2100 mg/l (96 hour)

LC50 Inland silversides: >8000 mg/l (96 hour)

#### **Invertebrate Toxicity**

LC50 Water flea: >1000 mg/l (48 hour)

LC50 Mysid shrimp: 4438 mg/l (96 hour)

#### **Algae Toxicity**

EC50 Green algae: 655 – 712 mg/l (96 hour)

EC50 Navicula pelliculosa: >3780 mg/l (96 hour)

### Environmental Fate

#### **Biodegradability:**

Cyanuric acid biodegrades readily under a wide variety of natural conditions, and particularly well in systems of either low or zero dissolved-oxygen levels.

#### **Bioaccumulative Potential:**

Not expected to bioaccumulate.

#### **Mobility In Soil:**

Cyanuric acid will have a high soil mobility based on KOC values ranging from 66 to 124.

## SECTION 13

## DISPOSAL CONSIDERATIONS

#### **Waste Disposal:**

Reuse or recycle if possible. Dispose of material in accordance with federal, provincial and local regulations.

#### **Safe Handling of Residues:**

See above.

#### **Disposal of Packaging:**

Dispose of container in accordance with federal, provincial and local regulations.

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## SECTION 14 TRANSPORTATION INFORMATION

### CANADIAN TDG ACT SHIPPING DESCRIPTION:

Not regulated

### US DOT CLASSIFICATION (49CFR 172.101, 172.102)

Not regulated

## SECTION 15 REGULATORY INFORMATION

**CANADA** Listed on DSL and Canada's Ingredient Disclosure List.

**WHMIS:** Not regulated.

**USA** Listed on the TSCA inventory.

**INTERNATIONAL** Not available

## SECTION 16 OTHER INFORMATION

**Prepared By (Group, Department, Etc.):** Quality Control **Telephone:** (905) 332-6626

**Preparation Date:** December 1, 2015

**Date Revised:** December 1, 2020

**Additional Notes Or References:**

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