

927897

## \*MATERIAL SAFETY DATA SHEET\*

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026  
 Medical Calls from Outside of the USA: 612 292 4064 (USA)

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326  
 Ecolab Ctr. St. Paul MN 55102 Date of Issue: April 25, 1997

**1.0 IDENTIFICATION /****1.1 Product Name:** SOLID DESTAINER

1.2 Product Type: Solid Active Chlorine Source

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

**2.0 HAZARDOUS COMPONENTS /**

(mg/m3)

	%	PEL	TWA
2.1 Sodium dichloroisocyanurate dihydrate 51580-86-0	90	No	0.5*

\* Supplier recommendation

2.2 This product contains no other components considered hazardous according to the criteria of 29 CFR 1910.1200.

PEL = OSHA 8 Hour Average in Air

TWA = ACGIH 8 Hour Average in Air

**3.0 PHYSICAL DATA /**

3.1 Appearance: White solid; chlorine odor.

3.2 Solubility in Water: Appreciable

3.3 pH: UNK

**4.0 FIRE AND EXPLOSION DATA /**

4.1 Special Fire Hazards: The heat of a fire can cause toxic gases containing chlorine, nitrogen trichloride and carbon monoxide.

4.2 Fire Fighting Methods: Use CO2 for small fires. Do not use ABC dry chemicals. Flood large fires with water.

**5.0 REACTIVITY DATA /**

- 5.1 Stability: Stable under normal conditions of handling.
- 5.2 Conditions to Avoid: Mix only with water. Do not mix with acids, urea or ammonia - will cause hazardous vapors. Contact with kerosene, oil, sawdust, etc., can cause thermal decomposition.
- 5.3 Concentrated solutions in water may slowly form toxic nitrogen trichloride. Do not close containers of damp or wet product.
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**6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT**

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- 6.1 Cleanup: Pick up without raising dust. Flush area with water.
- 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.

**7.0 HEALTH HAZARD DATA / DANGER**

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- 7.1 Effects of Overexposure to Concentrate:
- Skin: Prolonged contact can cause severe irritation or burns.  
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- Eyes: Eye contact may cause tearing, irritation or chemical burns.  
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- Untreated contact may cause permanent eye damage.
- If Swallowed: Harmful. Can cause chemical burns of mouth, throat  
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and stomach.
- If Inhaled: Can irritate the mouth, throat or lungs.  
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- 7.2 In Case of Mixing with Acids or Ammonia:
- If Inhaled: Can cause irritation of mouth, throat and airways,  
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especially for persons with respiratory problems (See Line 5.2).
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**8.0 FIRST AID /**

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- 8.1 Eyes: Flush at once with cool running water. Remove contact  
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lenses. Holding eyelids apart, continue flushing for 15 minutes.
- 8.2 Skin: Flush skin with cool water; then wash thoroughly with soap  
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and water. Wash contaminated clothing well before reuse.
- 8.3 If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of  
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water. DO NOT induce vomiting. Never give anything by mouth to an

unconscious person.

8.4 If Inhaled: If affected, move to fresh air.

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IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,  
A POISON CONTROL CENTER OR A PHYSICIAN

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**9.0 PROTECTIVE MEASURES /**  
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Due to the solid form of this product no special protection is needed for normal use. The following protection is advisable if contact with this product or its use solutions is likely.

Respiratory: Avoid breathing mists or vapors containing product.

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Eyes: Use chemical splash goggles. For continued or severe

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exposure, wear a face shield over the goggles.

Skin: Use any industrial rubber glove.

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9.1 USE SOLUTIONS: Avoid contact with use solutions. These may also

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be hazardous. Use protective equipment as necessary.

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**10.0 ADDITIONAL INFORMATION/PRECAUTIONS /**  
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10.1 Store in cool dry place. Moistened product slowly releases chlorine or nitrogen trichloride.

10.2 Purpose of 04/25/97 issue: Formula adjustment, Line 2.1.

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

