

**1. IDENTIFICATION****Product identifier****Product Name** Altra Disinfecting Tablets**Other means of identification****SDS #** BE-7011B**Product Code** 7011  
**Registration Number(s)** EPA Reg. No. 71847-7-559  
**UN/ID No** UN3077**Recommended use of the chemical and restrictions on use****Recommended Use** For use only as an effervescent disinfection tablet for surface disinfection and cleaning.**Details of the supplier of the safety data sheet**

<b>Supplier Address</b>	<b>Manufacturer Address</b>
Buckeye International, Inc. 2700 Wagner Place Maryland Heights, MO 63043 USA Phone: 1-314-291-1900	Medentech Ltd. Clonard Road Wexford, Ireland Phone: (+353) 53 - 911 7900

**Emergency telephone number****Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)**2. HAZARDS IDENTIFICATION**

**Emergency Overview** This chemical is a product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-EPA registered chemicals. Please see Section 15 for additional EPA information.

**Appearance** Off white tablets**Physical state** Solid**Odor** Characteristic**Classification**

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3

**Signal Word****Warning****Hazard statements**Causes serious eye irritation  
May cause respiratory irritation**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a poison center or doctor/physician if you feel unwell

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
 Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

Very toxic to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sodium dichloro-s-triazinetrione	2893-78-9	30-60
Adipic acid	124-04-9	10-30
Sodium carbonate	497-19-8	0-8

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
<b>Ingestion</b>	Call a poison center or doctor/physician if you feel unwell. Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Causes serious eye irritation. May cause respiratory irritation.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** Foam.

**Unsuitable Extinguishing Media** Do not use dry chemicals, carbon dioxide or halogenated extinguishers since there is potential for a violent reaction.

**Specific Hazards Arising from the Chemical**

Not determined.

**Hazardous combustion products** Chlorine. Nitrogen oxides (NOx). Nitrogen trichloride. Cyanogens chloride. Carbon oxides. Phosgene.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Ventilate affected area. Avoid generating dust. Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Do not add water to spilled material. Take up mechanically. Keep in suitable, closed containers for disposal. Do not close drums containing wet or damp material. Do not transport wet or damp material. Dispose of in accordance with federal, state and local regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wear appropriate personal protective equipment. Wash face, hands and any exposed skin thoroughly after handling.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Contamination with moisture, organic matter or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion.

**Incompatible Materials** Moisture. Acids. Strong alkalis. Reducing agents. Flammable materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Adipic acid 124-04-9	TWA: 5 mg/m <sup>3</sup>	-	-

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Normal room ventilation is usually adequate under normal use. Showers. Eyewash stations.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses, splash goggles or face shield as appropriate. Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Chemical resistant protective gloves. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** No protective equipment is needed under normal use conditions. Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical state</b>	Solid	<b>Odor</b>	Characteristic
<b>Appearance</b>	Off white tablets	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Off white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	5.5	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	No data available	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor Pressure	Not determined	
Vapor Density	No data available	
Relative Density	Not determined	
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	No data available	
Hyphen	225 - 250°C	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY



## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Very toxic to aquatic life with long lasting effects.

### Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Sodium dichloro-s-triazinetrione 2893-78-9		LC50: 0.25 - 1mg/L (96h, Lepomis macrochirus) LC50: 0.207 - 0.389mg/L (96h, Lepomis macrochirus) LC50: 0.176 - 0.267mg/L (96h, Oncorhynchus mykiss) LC50: =0.29mg/L (96h, Oncorhynchus mykiss) LC50: 0.13 - 0.36mg/L (96h, Oncorhynchus mykiss)	EC50: 0.00018 - 0.00021mg/L (48h, Daphnia magna) EC50: 0.093 - 0.16mg/L (48h, Daphnia magna)
Adipic acid 124-04-9	EC50: =31.3mg/L (72h, Desmodesmus subspicatus) EC50: =26.6mg/L (96h, Desmodesmus subspicatus)	LC50: =97mg/L (96h, Pimephales promelas)	EC50: =85.7mg/L (48h, Daphnia magna)
Sodium dodecyl benzene sulphonate 25155-30-0		LC50: =10.8mg/L (96h, Oncorhynchus mykiss)	
Sodium carbonate 497-19-8		LC50: =300mg/L (96h, Lepomis macrochirus) LC50: 310 - 1220mg/L (96h, Pimephales promelas)	EC50: =265mg/L (48h, Daphnia magna)

### Persistence/Degradability

This material is believed not to persist in the environment. Free available chlorine is rapidly consumed by reaction with organic and inorganic materials to produce chloride ion. The stable degradation products are chloride ion and cyanuric acid. This material is subject to hydrolysis. Cyanuric acid produced by hydrolysis is biodegradable.

### Bioaccumulation

There is no data for this product.

### Mobility

Chemical name	Partition coefficient
Adipic acid 124-04-9	0.093

### Other adverse effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Sodium dichloro-s-triazinetrione 2893-78-9	Ignitable
Sodium carbonate 497-19-8	Corrosive

#### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### **DOT**

**UN/ID No** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s. (Dichloroisocyanuric acid, salts)  
**Transport hazard class(es)** 9  
**Packing Group** III  
**Marine Pollutant** This material ships as a marine pollutant when single container exceeds 119 gal/ 882 lbs.

#### **IATA**

**UN number or ID number** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s. (Dichloroisocyanuric acid, salts)  
**Transport hazard class(es)** 9  
**Packing group** III  
**Description** This material ships as a marine pollutant when inner packagings exceed 5L/5KG

#### **IMDG**

**UN number or ID number** UN3077  
**Proper Shipping Name** Environmentally hazardous substance, solid, n.o.s. (Dichloroisocyanuric acid, salts)  
**Transport hazard class(es)** 9  
**Packing Group** III  
**Marine Pollutant** This material ships as a marine pollutant when inner packagings exceed 5L/5KG

#### 15. REGULATORY INFORMATION

#### **International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Sodium dichloro-s-triazinetrione	X	ACTIVE	X	X	X	X	X	X	X
Adipic acid	X	ACTIVE	X	X	X	X	X	X	X
Sodium carbonate	X	ACTIVE	X	X	X	X	X	X	X

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

#### **US Federal Regulations**

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Adipic acid 124-04-9	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Adipic acid	5000 lb			X

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Sodium dichloro-s-triazinetrione 2893-78-9	X	X	X
Adipic acid 124-04-9	X	X	X

**EPA Pesticide Registration Number** EPA Reg. No. 71847-7-559

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA Pesticide Label**

Please refer to EPA label for additional information

**Difference between SDS and EPA pesticide label**

Please refer to EPA label for additional information



**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special hazards</b>
	-	-	-	-
<b><u>HMIS</u></b>	<b>Health hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	1	0	0	Not determined

**Issue Date:** 25-Feb-2020  
**Revision Date:** 22-Feb-2024  
**Revision Note:** Chemical name update

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**