



MATERIAL SAFETY DATA SHEET

SECTION 1 - GENERAL INFORMATION

DATE OF ISSUE: 9/15/2003

Product Name: A-dec ICX Dental Unit Water Treatment Product EPA Registration No. n/a

Manufacturer: A-dec, Inc. 2601 Crestview Dr. Newberg, OR 97132 www.a-dec.com	Telephone: 800-547-1883 Fax: 503-537-2843
	Emergency Telephone: 503-538-9471
	CHEMTREC: 1-800-424-9300

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and complies with 91/155/EWG for the EU.

SECTION 2 - COMPOSITION

Ingredient Name:	Weight Range:	CAS Number:
Sodium Percarbonate	5 – 15%	15630-89-4
Cationic Surfactants	1 – 3%	68391-01-5
Silver Nitrate	0.1 – 0.5%	68956-79-6 7761-88-8
Other Ingredients	Components not precisely identified are proprietary or nonhazardous	

SECTION 3 - PHYSICAL DATA

Physical State	Solid (tablet)	Odor	Nil
Color	White	pH (0.01% in distilled water; in-use concentration)	5.2-6.2
Bulk Density	1.5 – 1.7 g/cm ³	Vapor Density (AIR =1)	N/A
Vapor Pressure	N/A	Solubility in water	Complete
Boiling Point	N/A	Melting Point	Unknown



SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point	N/A
Flammable Limits	N/A
Extinguishing Media	Water, CO ₂ or dry chemical.
Special Fire Fighting Instructions	Oxidizing substance.
Fire and Explosion Hazards	None.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Stable
Conditions to Avoid	Water, heat, reducing agents.
Incompatibility	N/A
Hazardous Decomposition or By-Products	N/A
Hazardous Polymerization	Will not occur.

SECTION 6 - HEALTH HAZARDS

Eyes:	Causes eye irritation. Avoid contact with eyes. Wash hands thoroughly after handling.
Skin:	May cause skin irritation. Avoid contact with skin. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing, and wash hands and clothing before reuse.
Inhalation:	None known.
Ingestion:	May be harmful if swallowed. Do not taste or swallow. Wash hands thoroughly after handling.



SECTION 7 - FIRST AID

If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If on skin:	Take off contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
If ingested:	Loosen tight clothing such as a collar, tie, belt or waistband. Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

SECTION 8 – ACCIDENTAL RELEASE MEASURES

Spills and Leaks:	Recover dry if possible. Clean the area with large quantities of water. Comply with Federal, State or local regulations on reporting spills.
Waste Disposal:	Collect the product with suitable means. Avoid incompatible materials.
Environmental Hazards:	None known. No environmental disturbance is expected from biodegradation. No dangerous product transportation regulations apply.

SECTION 9 - HANDLING AND STORAGE

Keep in a closed container in a cool, dry, ventilated area when not in use. Avoid contact with water until ready for use. Protect against physical damage. All cleaners and pesticides should be kept out of the reach of children and stored away from food.

SECTION 10 - TOXICOLOGICAL INFORMATION

Oral rat LD 50:	>5000 mg/kg
Inhalation rat LC 50:	>2.09 mg/L
Skin rabbit LD 50:	>5000 mg/kg
Sensitization:	Not applicable.



SECTION 11 – OTHER INFORMATION

This product contains Silver Nitrate, which is subject to the reporting requirements under SARA Title III, Section 313 of the Emergency Planning and Community Right-To-Know Act
--

Disclaimer:

A-dec, Inc. provides the information contained herein in good faith, but makes no representation as to the comprehensiveness or accuracy of properties as provided by chemical manufacturers. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's (or user's) responsibility to ensure that its activities comply with Federal, State and local laws.

SECTION 11 - MSDS PREPARATION

Prepared by:	Deanna Gilbreath Scientific & Regulatory Consultants, Inc.
---------------------	---

Updated:	September 15, 2003 Tom Louisell, A-dec
-----------------	---