



INOX-mx2

Material Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	INOX-mx2 Battery Conditioner
Manufacturers Code	00002 . 92 mL 00006 . 1 Litre 00007 - 5 Litre
Recommended Use	Chemical additive for increased performance and longer life to all lead-acid batteries.
Company Name Address	CANDAN INDUSTRIES PTY LTD 65 Chetwynd Street LOGANHOLME Q 4129 AUSTRALIA
Emergency Tel	07 5580 1438 (5 p.m. . 8 a.m.) weekdays. 24 Hours weekends and Public Holidays.
Phone	07 3209 8733
Fax	07 3209 8744

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification	Classified as hazardous according to the criteria of Safe Work Australia.
Risk Phrases	Toxic R45 May cause cancer R46 May cause heritable genetic damage R60/61 May impair fertility/ may cause harm to the unborn child. R23 Toxic by inhalation R22 Harmful if swallowed R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.
Safety Phrases	None allocated

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion %
	Cadmium Sulphate	10124-36-4	< 5%
	Ingredients determined not to be hazardous		To 100%

**SECTION 4. FIRST AID MEASURES**

Swallowed	Harmful if swallowed, but as the product is naturally emetic, the probability of poisoning is low. If poisoning occurs, seek medical attention (show label where possible, or contact the Poisons Information Centre. Induce vomiting, preferably using IPECAC Syrup.
Eye	Irrigate thoroughly with water, if irritation occurs, seek medical advice.
Skin	Wash area with soap and water. Remove contaminated clothes and launder before reuse. Wash hands before smoking, eating or handling food.
Inhaled	Toxic by inhalation. Remove from further exposure. If irritation, dizziness, nausea or unconsciousness occurs, immediately seek medical assistance. Use mouth to mouth resuscitation if breathing has stopped.
First Aid Facilities	IPECAC syrup.
Aggravated medical conditions caused by exposure.	None known.
Chronic Health Effects	Danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher	Foam, Carbon dioxide and dry chemical powder.
Hazards from combustion products	Decomposes with extreme heat to produce toxic fumes.
Special protective precautions and equipment for fire fighters	Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn.
Hazchem code	None allocated.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures	
Methods and materials for containment and clean up.	Absorb spill with absorbent rags. Use appropriate waste disposal facilities in accordance with current applicable laws and regulations. Do not allow spills to enter waterways.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling	Use in a well ventilated area. Do not store or use in confined spaces.
Conditions for safe storage including any incompatibilities	Store in a cool, dry, well ventilated area. Store away from food containers and strong acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards for mixture No value assigned for this specific material by Safe Work Australia

Component	Breathing Zone				Mixture conc. (%)
	TWA ppm	TWA mg/m ³	STEL ppm	STEL mg/m ³	
Cadmium Sulphate	-	0.01	-	-	< 5%

Biological Limit Values No biological limit allocated

Engineering Controls Use in well ventilated areas.

Personal Protective Equipment

Eyes.	Mild irritant . normal industrial eye protection practices are recommended.
Hands/Feet	Safety footwear, avoid contact with hands.
Skin	Non irritant. Good personal hygiene recommended.
Respirator	Avoid inhalation of vapours. No special requirements under ordinary conditions of use and with adequate ventilation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, light blue liquid
pH	Not applicable
Vapour pressure	Not known
Flammability Limits	None
Flashpoint	Nil
Pour Point	0°C
Solubility in water	Completely soluble
Density	1.200

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions
Conditions to avoid	Avoid extreme heat.
Incompatible materials	Strong oxidizing agents, chemically active metals, azides and organic amines.
Hazardous decomposition products	Decomposes with extreme heat to produce toxic fumes.
Hazardous reactions	No hazardous polymerization will occur

SECTION 11. TOXICOLOGICAL INFORMATION

Acute effects:

Eye contact:	Mild irritant
Swallowed:	Will cause stomach ache and vomiting

Chronic

May cause cancer
Toxic by inhalation.

SECTION 12. ECOLOGICAL INFORMATION

- N. Dangerous to the environment.
Avoid release to the environment

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods and containers This material and its container must be disposed of as hazardous waste.
Special precautions for landfill or incineration Dispose of container and its contents according to federal, EPA and state regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number None allocated
UN Proper shipping name None allocated
Class None allocated
Subsidiary risk None allocated
Packing Group None allocated
Special precautions for user None
Hazchem Code None allocated

SECTION 15. REGULATORY INFORMATION

Poison Schedule S6

SECTION 16. OTHER INFORMATION

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Contact Person

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Emergency Contact Numbers.

Poisons information Centre	(Australia)	13 11 26 (24 hour service)
	(New Zealand)	64 3 479 1200 (business hours) 64 3 474 0999 (emergency)
Police / Fire Brigade		000 (24 hour service)

**Literature references.**

List of Designated Hazardous Substances.

Hazardous Substance Information System <http://hsis.ascc.gov.au/>

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd edition [NOHSC:2001(2003)].

Abbreviations:

NOHSC	National Occupational Health and Safety Commission
TWA	Time weighted average
STEL	Short term exposure limit
CAS Number	Chemical Abstract Service registry number
TLV	Threshold limit value

Safety data sheets are updated frequently. Please ensure that you have a current copy.

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END OF MSDS