

SAFETY DATA SHEET

TIN LEAD STRIPPER 1510A

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME TIN LEAD STRIPPER 1510A
 PRODUCT NO. 1510AOD
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2 HAZARDS IDENTIFICATION

Causes severe burns.

CLASSIFICATION C;R35.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
FLUOROBORIC ACID ...%	240-898-3	16872-11-0	1-5%	C;R34
NITRIC ACID ...%	231-714-2	7697-37-2	10-30%	O;R8 C;R35
SULPHAMIC ACID	226-218-8	5329-14-6	1-5%	Xi;R36/38 R52/53

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Important to remove the substance from the skin immediately. Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS

OXIDISING! May ignite other combustible materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

DO NOT TOUCH SPILLED MATERIAL! Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Gather in poly lined drum. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways.

7 HANDLING AND STORAGE

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USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Eye wash facilities and emergency shower must be available when handling this product.

STORAGE CLASS

Corrosive storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
NITRIC ACID ...%	WEL		1 ppm 2.6 mg/m3	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Water-white		
ODOUR	Acidic.		
SOLUBILITY	Completely soluble in water		
RELATIVE DENSITY	1.19 @ 20 °c	pH-VALUE, CONC. SOLUTION	<1

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Reacts with alkalis and generates heat.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Corrosive gases/vapours/fumes of: Nitric acid (HNO3). Nitrous gases (NOx).

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

SKIN CONTACT. This substance is corrosive. Causes burns. **EYE CONTACT.** Causes burns. **INGESTION.** May cause burns in mucous membranes, throat, oesophagus and stomach.

RESPIRATORY SYSTEM. Serious damage to the lining of nose, throat and lungs. Swallowing concentrated chemical may cause severe internal injury.

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12 ECOLOGICAL INFORMATION

ECOTOXICITY

No negative effects on the aquatic environment are known.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, NOS (Contains Nitric Acid and Fluoroboric Acid)		
UN NO. ROAD	1760	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	66 (b) PACKING GROUP II	HAZARD No. (ADR)	80
ADR LABEL NO.	8	HAZCHEM CODE	2X
CEFIC TEC(R) NO.	80G20	RID CLASS NO.	8
RID PACK GROUP	66(b)	UN NO. SEA	1760
IMDG CLASS	8	IMDG PAGE NO.	8147-1
EMS	8-15	MFAG	760
UN NO. AIR	1760	AIR CLASS	8

15 REGULATORY INFORMATION

LABELLING



Corrosive

RISK PHRASES

R35 Causes severe burns.

SAFETY PHRASES

- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
- S24/25 Avoid contact with skin and eyes.
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

REVISION DATE NOV 2008

REV. NO./REPL. SDS GENERATED 4

SDS NO. 1510/16/4

RISK PHRASES IN FULL

- R34 Causes burns.
- R35 Causes severe burns.
- R36/38 Irritating to eyes and skin.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R8 Contact with combustible material may cause fire.

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