

Tip Tanners

Material Safety Data Sheet



Chemtools

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Chemtools Tip Tanners
Product Type: Tinning and cleaning aid for soldering irons
Part Numbers: CT-TC1
Company Address: ChemTools Pty. Ltd., PO Box 4319, Penrith, NSW 2750
Ph: 02 4735 3126
EMERGENCY PHONE: Australia: Poisons Information Centre 13 1126
International: Infotrac (708) 918 1900

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	%	HSIS TWA	HSIS STEL
Tin	7440-31-5	<60	2mg/m ³	N/A
2-hydroxypropane-				
1,2,3-tricarboxylic acid	77-92-9	<30		
Hydroxybutanedioic acid	6915-15-7	<30		
alcohol ethoxylate	68439-46-3	<10		
Non hazardous ingredients	n/a	<10		

3. HAZARDS IDENTIFICATION

Hazard Classification: Not classified as a Hazardous Substance according to the criteria of SafeWork Australia.
Risk Phrases:
Safety Phrases: S2 – Keep out of reach of children
Relevant routes of exposure: Ingestion.
Potential Health Effects
Inhalation: The fumes produced during use will irritate the nose and throat.
Skin contact: Skin irritation may result from prolonged contact.
Eye contact: Fumes produced during use may irritate the eyes.
Ingestion: Will irritate the digestive tract.

4. FIRST AID MEASURES

Inhalation: Remove the source of contamination or move the victim to fresh air. Ensure airways are clear. Administer oxygen if breathing is difficult. If symptoms develop and persist, seek medical attention
Skin contact: Wash the affected area with plenty of cold or lukewarm running water. If symptoms develop and persist, seek medical attention.
Eye contact: Flush immediately with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms develop and persist seek medical attention.
Ingestion: Do NOT induce vomiting. Wash out mouth with water. If symptoms develop and persist, seek medical attention

5. FIRE-FIGHTING MEASURES

Flash point: >200°C (Closed Cup)
Autoignition temperature: Non Flammable
Flammable/Explosive limits-lower %: N/A
Flammable/Explosive limits-upper %: N/A
Extinguishing media: N/A
Special fire fighting procedures: N/A
Unusual fire or explosion hazards: None
Hazardous combustion products: Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen, soot and organic substances
Hazchem Code: N/A

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Dispose of waste according to federal, Environmental Protection Authority and state regulations. If large spillages of this material enters the waterways contact

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the Environmental Protection Authority, or your local Waste Management Authority.

Clean-up methods: Use appropriate personal protective equipment during clean-up

7. HANDLING AND STORAGE

Handling: No special handling procedures are required. Wash hands thoroughly after handling
Store in a cool, dry well-ventilated area away from heat, oxidising agents and out of direct sunlight. Keep out of reach of children and away from foodstuffs.

Incompatible products: Refer to Section 10.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: No exposure standards have been established for this material by HSIS. However, as with all chemicals, exposure should be kept to the lowest possible levels.

Respiratory protection: Not normally required. However if engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against fume. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices

Skin protection: Gloves are recommended as good industrial practice

Eye/face protection: Safety glasses are recommended as good industrial practice.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid (tablet).
Colour: Grey
Odour: None.
pH: N/A
Boiling point/range: >500°C.
Melting point/range: >200°C
Specific gravity: Approx. 4 g/cm³
Vapour density: N/A
Evaporation rate: N/A
Solubility in water: Partially soluble.

10. STABILITY AND REACTIVITY

Stability: Stable at normal temperatures and conditions.
Hazardous polymerization: Will not occur.
Hazardous decomposition products: In case of incomplete combustion and/or thermal decomposition carbon monoxide, carbon dioxide may be released. Molten tin may be formed.

Incompatibility: Strong oxidising agents.

Conditions to avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Not determined.

12. ECOLOGICAL INFORMATION

Ecological information: The product is not readily biodegradable but inherently biodegradable.

13. DISPOSAL CONSIDERATIONS

Recommended method of disposal: Recycle if possible. Dispose of according to Federal, State and local governmental regulations.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

Domestic (Land):
Proper shipping name: No information found

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UN No.:
Hazard class or division:
Packing group:

International Air Transportation (ICAO/IATA):
Proper shipping name: No information found
UN No.:
Hazard class or division:
Packing group:

15. REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not Listed.
ADG Code: No information found.
NOHSC: Not Listed.

16. OTHER INFORMATION

Abbreviations/Acronyms:

- ADG – Australian Dangerous Goods.
- AICS – Australian Inventory of Chemical Substances.
- HSIS - Hazardous Substances Information System.
- IARC – International Agency for Research on Cancer.
- NIOSH – National Institute of Occupational Health and Safety.
- NOS – Not Otherwise Specified.
- PEL – Permissible Exposure Limit.
- STEL – Short Term Exposure Limit.
- SWA – SafeWork Australia, formally ASCC and NOHSC.
- SUSDP – Standard for the Uniform Scheduling of Drugs and Poisons.
- TLV – Threshold Limit Value.
- TWA – Time Weighted Average.

Date of MSDS: January 2011

DISCLAIMER:

The information contained within this MSDS applies only to the ChemTools product to which the sheet relates. The information provided is based on our best knowledge at the time of issue.

The information contained within this MSDS is believed to be accurate and is given in good faith. However, no warranty is made, either expressed or implied, regarding its accuracy or any liability arising out of the use of the information herein or the product supplied.

When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classifications of the hazards have changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purpose other than that for which it was recommended. In such cases, a reassessment may be necessary and should be made by the user.

This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work.

It is the responsibility of the handlers to pass on the totality of the information contained within this document to any subsequent person(s) who will come in to contact with, handle or use this product in any way.

They should check the adequacy of the information provided within this MSDS before passing it on to their customers/staff.

End of MSDS



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