

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 26.05.2014

Revision: 26.05.2014

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: WELLER TIP TINNER / ACTIVATOR

Recommended Use of the Chemical and Restriction on Use: For regeneration of oxidized tips

Details of Manufacturer or Importer:

Element 14 Pty Ltd
72 Ferndell Street
Chester Hill NSW 2162

Phone Number: 02 9644 7722

Emergency telephone number: National Poison Information Centre: 13 11 26

2 . HAZARDS IDENTIFICATION

Hazardous Nature:



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H335 May cause respiratory irritation.

Label Elements

Signal Word Warning

Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water.

P312 Call a POISON CENTER/doctor if you feel unwell.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

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Hazardous Components:		
7440-31-5	tin ⚠ Eye Irrit. 2A, H319; STOT SE 3, H335	34%
7783-28-0	diammonium hydrogenorthophosphate ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	12%
91-20-3	naphthalene ⚠ Carc. 2, H351; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; H227	<1%

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:

Rinse mouth with plenty of water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Dry sand, dry chemical. Do not use high power water jet and carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous decomposition products include toxic metal oxide smoke. Use water spray to cool containers involved in fire.

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear Safe Work Australia approved respirator, chemical goggles, chemical resistant gloves (PVC), protective clothing (overall), PVC apron and rubber boots. Evacuate all non-essential personnel from affected area. Provide adequate ventilation. Keep away from heat, sparks, open flame, and other sources of ignition

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so. Collect the spilled material and place into a suitable container for disposal. Provide adequate ventilation.

7 . HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Food, beverages and tobacco products should not be stored or consumed where this material is in use.

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Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from humidity and evaporation. Avoid temperatures above 43 °C. Keep away from heat, sparks, open flame, and other sources of ignition, chlorine and turpentine.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:**7440-31-5 tin**

NES	STEL: 0.2** mg/m ³ TWA: 2* 0.1** mg/m ³ *metal, oxide, inorg. comp.; **org. comp.(as Sn):Sk
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91-20-3 naphthalene

NES	STEL: 79 mg/m ³ , 15 ppm TWA: 52 mg/m ³ , 10 ppm
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Engineering Contols:

Vapours / aerosols should be extracted by suction directly at point of origin.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Personal Protective Equipment (PPE):**Respiratory Protection:**

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Chemical resistant gloves (PVC, nitrile rubber), impervious clothing (overall), PVC apron and safety footwear. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or chemical goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Solid (paste)
Colour:	Gray
Odour:	Characteristic
Odour Threshold:	Not determined.
pH-Value:	Not applicable.
Melting point/Melting range:	232 °C
Initial Boiling Point/Boiling Range:	260 °C
Flash Point:	Not applicable.
Flammability:	Non flammable
Auto-ignition Temperature:	Product is not self-igniting.
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable

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Upper:	Not applicable No information available
Vapour Pressure:	Not applicable.
Relative Density:	No information available
Vapour Density:	Not applicable.
Evaporation Rate:	Not applicable.
Solubility in Water:	Tin - Insoluble Diammonium hydrogen orthophosphate - partially soluble

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Humidity and evaporation; heat, sparks, open flame, and other sources of ignition

Incompatible Materials: Chlorine, turpentine.

Hazardous Decomposition Products: Toxic metal oxide smoke.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

91-20-3 naphthalene

Oral	LD ₅₀	490 mg/kg (rat)
Dermal	LD ₅₀	5000 mg/kg (rat)

Acute Health Effects

Inhalation: Fumes emitted during use can cause headache and irritation of the respiratory system.

Skin: May cause skin irritation.

Eye: Fumes emitted during use can cause eye irritation.

Ingestion: May cause gastro intestinal irritation, nausea, vomiting and diarrhea.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: No sensitising effects known.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Naphthalene is classified by Safe Work Australia as Carcinogen Category 3.

Naphthalene is classified by IARC as Group 2B - Possibly carcinogenic to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure: May cause respiratory irritation.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

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12 . ECOLOGICAL INFORMATION

Ecotoxicity: No information available**Aquatic toxicity:** No information available**Persistence and Degradability:** No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available

13 . DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number Not regulated**ADG, IMDG, IATA** Void**Proper Shipping Name** Not regulated**ADG, IMDG, IATA** Void**Dangerous Goods Class** Not regulated**ADG Class:** Void**Packing Group:** Not regulated**ADG, IMDG, IATA** Void**Marine pollutant:** No

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

7722-76-1	ammonium dihydrogenorthophosphate
7440-31-5	tin
7783-28-0	diammonium hydrogenorthophosphate
7757-82-6	Sulfuric acid, disodium salt
91-20-3	naphthalene
7732-18-5	Water

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 6

16 . OTHER INFORMATION

Creation Date: 26.05.2014**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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