

1. Identification of the substance/ preparation and of the company/ undertaking

Identification of the substance or preparation

Synonym(s)

SDB-28

Trade name Weller Tip -Tinner -Activator

Article no. (user): Weller Tip -Tinner -Activator No. T00513 031 99

Company/ undertaking identification

Supplier

Weller Tools GmbH

Carl-Benz-Strasse 2

Germany-74354 Besigheim

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Telephone: +49 7143 580-0

Telefax: +49 7143 580-108

E-mail: info@weller-tools.com

Dept. responsible for information: environmental department

information Telephone: +49 7143 580-101

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Emergency telephone: GIZ mainz +49 6131 - 19240 (language - german, english, french)

2. Hazards identification

Labelling (67/548/EEC or 1999/45/EC)

Danger symbol(s) and danger term(s) for dangerous materials and preparations

Xi Irritant.

R phrases

R36/37 Irritating to eyes and respiratory system.

Special labelling of particular preparations

Safety data sheet available for professional user on request.

S phrases

S2 Keep out of the reach of children.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Classification according EC regulation 1272/2008 (CLP)

Health hazards

Hazard classes and hazard categories:

Eye Irrit. 2

Hazard Statements:

H319 Causes serious eye irritation.

Hazard classes and hazard categories:

Resp. Sens. 1

Hazard Statements:

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Labelling (EU-GHS)

Hazard pictograms



GHS07

Hazard Statements

Hazard statements for health hazards:

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements

General information:

P102 Keep out of reach of children.

Prevention:

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

Response:

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

Product identifiers

Diamoniumphosphat

Signal word

Warning

3. Composition/ Information on ingredients

Preparation related information

Description

Tin in suspension with Ammonium Phosphate / Bleifreier Aktivator für Lötspitzen-Verzinnung

Dangerous ingredients

tin, Zinn	>=34 %
CAS 7440-31-5	
EC 231-141-8	
Diamoniumphosphat	=12 %
CAS 7783-28-0	
EC 231-987-8	
Xi; R36/37/38	
Skin Irrit. 2, H315 / Eye Irrit. 2, H319 / Resp. Sens. 1, H334 / STOT SE 3, H335 / STOT SE 3, H336	
Ammoniumphosphat	=47 %
CAS 7722-76-1	
EC 231-764-5	
Surfactant / Tenside	<1 %
CAS 7757-82-6, 7732-18-5, 91-20-3	
EC 231-820-9, 231-791-2, 202-049-5	

4. First-aid measures

General information

Move victim out of danger zone. In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air. In case of irritation of the respiratory tract seek medical advice.

After skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

Following eye contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

after ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

5. Fire-fighting measures

Suitable extinguishing media

Extinguishing powder. Dry sand. D powder.

Extinguishing media which must not be used for safety reasons

High power water jet. Carbon dioxide.

Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions

See protective measures under point 7 and 8.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up

Treat the assimilated material according to the section on waste disposal.

7. Handling and storage

Handling

Information for safe handling

Preventive measures

If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

Technical measures

Measures to prevent aerosol and dust accumulation

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

Storage

Further information concerning storage conditions

Keep in a cool, well-ventilated place.

8. Exposure controls/ Personal protection

Exposure limit values

Components with workplace or biological limit values to be monitored

exposure limit values

Air limit values

CAS-No.	substance name	LTV	STV	CLV
7440-31-5	Tin cpds, inorganic, except SnH4	2 mg/m ³	4 mg/m ³	

LTV = Long term occupational exposure limit value

STV = Short term occupational exposure limit value

CLV = Instantaneous value

Exposure controls

Occupational exposure controls

Technical measures to prevent exposure

Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

Personal protection equipment

Respiratory protection

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

General protection and hygiene measures

Do not eat, drink, smoke or snort at the workplace. Wash hands before breaks and after work.

9. Physical and chemical properties

General information

Appearance

Colour

grey

State of matter

solid

Odour

characteristic

Important health, safety and environmental information

Safety relevant basis data

boiling temperature / boiling range: ca.260 °C

density

Remark:

n.b.

melting point / melting range: ca.232 °C

Solubility

Solubility in water (g/l)

Remark:

partially soluble

(Ammonium-Phosphat)

10. Stability and reactivity

Hazardous decomposition products

chlorine. Toxic metal oxide smoke.

Materials to avoid

Air, humid.

11. Toxicological information

Toxicological Tests

Irritation and etching

Irritant effect on the eye

Evaluation:

irritant.

Irritant effect on the respiratory tract

Evaluation:

May cause respiratory irritation.

Sensitization

following inhalation

Evaluation:

sensitizing.

12. Ecological information

Type judging

On the basis of existing data about disposal/decomposition and bio-accumulation potential, long term environmental damage is unlikely.

Further ecological information

Further details

Do not allow uncontrolled leakage of product into the environment.

13. Disposal considerations

Appropriate disposal/Product

Entsorgung gemäß Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG). Waste disposal according to official state regulations. Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Waste key product: 120199

Waste designation:

Abfälle a. n. g.

14. Transport information

Additional information

Not a hazardous material with respect to transportation regulations.

15. Regulatory information

EU-Regulations

Chemical Safety Assessment

Irritant.

16. Other information

Data sources

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.