

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Other means of identification

SDS-28

Trade name/designation Weller Tip -Tinner -Activator

Article no. (user): Weller Tip -Tinner -Activator No. T00513 031 99, T00513 031 49

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Sector of uses [SU]

Manufacture of computer, electronic and optical products, electrical equipment.

Product categories [PC]

Welding and soldering agent, flow modifier

Activator

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Weller Tools GmbH

Carl-Benz-Strasse 2

Germany-74354 Besigheim

P.O. Box:

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

Information telefax: +49 7143 580-108

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

1.4 Emergency telephone number

No data available

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Categories of danger

Xi; R36/37

R-phrases

R36/37 Irritating to eyes and respiratory system.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Health hazards:

health hazards

Eye Irrit. 2

hazard statements for health hazards

H319 Causes serious eye irritation.

health hazards

STOT SE 3

hazard statements for health hazards

H335 May cause respiratory irritation.

health hazards

Hautreiz. 2

hazard statements for health hazards

H315 Causes skin irritation.

2.2 Label elements

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

Hazard symbols and hazard statements of dangerous substances and preparations

Xi Reizend.

R-phrases

R36/37 Irritating to eyes and respiratory system.

S-phrases

S2 Keep out of the reach of children.

S23.7 Do not breathe smoke.

S25 Avoid contact with eyes.

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

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



GHS07

Signal word

Warning

Hazard Statements:

Hazard statements for health hazards:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

Precautionary Statements:

General:

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

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.1/3.2 Preparation related information

Description

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

Hazardous ingredients:

tin, Zinn	>=36 %
CAS 7440-31-5	
EC 231-141-8	
Ammoniumphosphat	=24 %
CAS 7722-76-1	
EC 231-764-5	
Diamoniumphosphat	=37 %
CAS 7783-28-0	
EC 231-987-8	
Xi; R36/37/38	
Surfactant / Tenside	<1 %
CAS 7757-82-6, 7732-18-5, 91-20-3	
EC 231-820-9, 231-791-2, 202-049-5	

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

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

After inhalation

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

following skin contact:

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

After 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.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder. Dry sand. D powder.

Unsuitable extinguishing media

High power water jet. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Special protective equipment for firefighters:

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment.

6.3 Methods and material for containment and cleaning up

No data available

6.4 Reference to other sections

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advices on safe handling

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Measures to prevent aerosol and dust generation

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

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Storage class

Non-combustible solids

TRGS-510 Lagerklasse 13

Further information on storage conditions

Keep in a cool, well-ventilated place.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CAS No.	Substance name	LTV	STV	remark
7440-31-5	Tin, inorganic compounds (except oxides) (as Sn)	2 mg/m ³		United States of America (OSHA)

LTV = long-term occupational exposure limit value

STV = short-term occupational exposure limit value

8.2 Exposure controls

Appropriate engineering 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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

solid

Colour

grey

Odour

characteristic

	parameter	Method - source - remark
pH value	6	at °C: 20 °C
Melting point / melting range	ca.232 °C	
Boiling temperature / boiling range	ca.260 °C	
Flash point (°C)		No data available
Vapourisation rate / Evaporation rate		No data available
Flammable solids		No data available
Flammable aerosols		No data available
Upper explosion limit (Vol-%)		No data available
Lower explosion limit (Vol-%)		No data available
Vapour pressure		No data available
Density		n.b.
Relative vapour density at 20 °C (air=1)		No data available
Fat solubility (g/L)		No data available
Soluble (g/L) in		No data available
Partition coefficient n-octanol/water (log P O/W)		No data available
Self ignition temperature (SIT)		No data available
Self ignition temperature (SIT)		No data available
Exothermic decomposition		No data available
Explosives		No data available
Oxidising gases		No data available
Oxidising liquids		No data available
Oxidising solids		No data available

9.2 Other safety information

Water solubility (g/L)

remark

partially soluble
(Ammonium-Phosphat)

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Materials to avoid

Air, humid.

10.6 Hazardous decomposition products

chlorine. Toxic metal oxide smoke.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Assessment/classification

May cause respiratory irritation.

Eye damage/irritation

Result / evaluation

irritant.

Sensitisation

Sensitisation to the respiratory tract

Result / evaluation

sensitizing.

SECTION 12: Ecological information

12.1 Toxicity

Additional ecotoxicological information

Additional information

Do not allow uncontrolled discharge of product into the environment.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

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 code product 120199

Waste name

Abfälle a. n. g.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name			
14.3 Class(es)			
14.4 Packing group			
14.5 ENVIRONMENTALLY HAZARDOUS			
14.6 Special precautions for user			

Land transport (ADR/RID)

Sea transport (IMDG)

Air transport (ICAO-TI / IATA-DGR)

14.7 Transport in bulk according to
Annex II of MARPOL 73/78 and the
IBC Code

Additional information - Land transport (ADR/RID)

Additional information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

Reizend. Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Key literature references and sources for data

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.