

## 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]

SU16 Manufacture of computer, electronic and optical products, electrical equipment.

##### Product categories [PC]

PC38 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 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

Skin Irrit. 2

##### hazard statements for health hazards

H315 Causes skin irritation.

### 2.2 Label elements

#### 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 Mixture 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	
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.

#### Following 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 compounds, inorganic, except SnH4	2 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>	
				Great Britain (UK)

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	6	at °C: 20 °C	
Melting point/freezing point	ca.232 °C		

parameter	Method - source - remark
Initial boiling point and boiling range	ca.260 °C
Flash point (°C)	No data available
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.
Vapour density	No data available
Fat solubility (g/L)	No data available
Water solubility (g/L)	partially soluble (Ammonium-Phosphat)
Soluble (g/L) in	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Auto-ignition temperature	No data available
Decomposition temperature	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

No data available

## 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.

#### Respiratory or skin 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 and vPvB 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:**

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

**Special monitoring requiring wastes:** No

**Waste name**

wastes not otherwise specified

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

**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**

**EU legislation**

**Authorisations and/or restrictions on use**

**Restrictions of occupation**

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

**15.2 Chemical Safety Assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

**Relevant R-, H- and EUH-phrases (Number and full text)**

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

## **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.