# SIGMA-ALDRICH

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 Version 6.0 Revision Date 11.11.2016 Print Date 23.03.2020 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1	Product identifiers Product name	:	Zinc metal	
	Product Number Brand REACH No.	:	NIST683 Sigma-Aldrich A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.	
1.2	Relevant identified uses of the substance or mixture and uses advised against			
	Identified uses	:	Laboratory chemicals, Manufacture of substances	
1.3	Details of the supplier of t	he	safety data sheet	
	Company	:	Sigma-Aldrich Inc. 3050 Spruce Street ST. LOUIS MO 63103 UNITED STATES	
	Telephone Fax	:	+1 314 771-5765 +1 800 325-5052	

#### **1.4** Emergency telephone number

Emergency Phone # : +1-703-527-3887

# **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

# 2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.3 Other hazards - none

# **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

# **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures No data available

# **4.2** Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### **4.3 Indication of any immediate medical attention and special treatment needed** No data available

#### **SECTION 5: Firefighting measures**

- 5.1 Extinguishing media No data available
- 5.2 Special hazards arising from the substance or mixture No data available
- 5.3 Advice for firefighters No data available
- 5.4 Further information No data available

#### **SECTION 6: Accidental release measures**

- 6.1 **Personal precautions, protective equipment and emergency procedures** For personal protection see section 8.
- 6.2 Environmental precautions No data available
- 6.3 Methods and materials for containment and cleaning up No data available
- 6.4 Reference to other sections For disposal see section 13.

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities No data available
- **7.3** Specific end use(s) Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

8.2 Exposure controls No data available

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

- a) Appearance Form: solid
- b) Odour No data available
- c) Odour Threshold No data available
- d) pH No data available
- e) Melting point/freezing No data available point
- f) Initial boiling point and No data available boiling range
- g) Flash point No data available
- h) Evaporation rate No data available

	i) j)	Flammability (solid, gas) Upper/lower flammability or	No data available No data available						
	explosive limits		No data available						
k) I)		Vapour pressure Vapour density	No data available						
'' m)			No data available						
,		2	No data available						
o)		Partition coefficient: n- octanol/water	No data available						
p)		Auto-ignition temperature	No data available						
		Decomposition temperature	No data available						
	r)	Viscosity	No data available						
	s)	Explosive properties	No data available						
	t)	Oxidizing properties	No data available						
9.2	Other safety information No data available								
SECTION 10: Stability and reactivity									
10.1	<b>Reactivity</b> No data available								

10.2 **Chemical stability** No data available

- Possibility of hazardous reactions 10.3 No data available
- 10.4 Conditions to avoid No data available
- 10.5 Incompatible materials No data available
- 10.6 Hazardous decomposition products In the event of fire: see section 5

# **SECTION 11: Toxicological information**

11.1 Information on toxicological effects

Acute toxicity

- Skin corrosion/irritation
- Serious eye damage/eye irritation
- Respiratory or skin sensitisation
- Germ cell mutagenicity

Carcinogenicity

**Reproductive toxicity** 

Specific target organ toxicity - single exposure

Specific target organ toxicity - repeated exposure

Aspiration hazard

**Additional Information** 

RTECS: Not available

# **SECTION 12: Ecological information**

- 12.1 Toxicity
- 12.2 Persistence and degradability
- 12.3 Bioaccumulative potential
- 12.4 Mobility in soil
- **12.5 Results of PBT and vPvB assessment** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
- 12.6 Other adverse effects

# SECTION 13: Disposal considerations

**13.1 Waste treatment methods** No data available

# **SECTION 14: Transport information**

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14.1	UN numbe ADR/RID:	-	IMDG: -	IATA: -
14.2		shipping name Not dangerous goods Not dangerous goods Not dangerous goods		
14.3	Transport hazard class(es) ADR/RID: -		IMDG: -	IATA: -
14.4	Packaging group ADR/RID: -		IMDG: -	IATA: -
14.5	Environmental hazards ADR/RID: no		IMDG Marine pollutant: no	IATA: no
14.6	Special pre	ecautions for user		

No data available

# **SECTION 15: Regulatory information**

**15.1** Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

# **15.2 Chemical safety assessment** For this product a chemical safety assessment was not carried out

# **SECTION 16: Other information**