

# SAFETY DATA SHEET

Version 3.0 Revision Date 09/04/2017

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

### 1.1 Product identifiers

Product name : Stainless steel, Cr 18 - Ni 12 - Mo 2 (AISI 316)

Brand : SAM

### 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 the safety data sheet

Company : Stanford Advanced  
Materials  
23661 Birtcher Dr.  
Lake Forest, CA  
92630  
UNITED STATES

Telephone : +1 (949) 407-8904

Fax : +1 (949) 812-6690

### 1.4 Emergency telephone number

Emergency Phone # : +1 (949) 407-8904

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## 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

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## SECTION 3: Composition/information on ingredients

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## 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

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**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

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**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.

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**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

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

- 8.1 Control parameters**
- 8.2 Exposure controls**  
No data available

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**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 point    No data available
  - f) Initial boiling point and boiling range    No data available
  - g) Flash point                      No data available
  - h) Evaporation rate                No data available
  - i) Flammability (solid, gas)    No data available

j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	No data available
n)	Water solubility	No data available
o)	Partition coefficient: n-octanol/water	No data available
p)	Auto-ignition temperature	No data available
q)	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

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## 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

No data available

### 10.6 Hazardous decomposition products

In the event of fire: see section 5

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## 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**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**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**

- 14.1 UN number  
 ADR/RID: -    IMDG: -    IATA: -
- 14.2 UN proper shipping name  
 ADR/RID: Not dangerous goods  
 IMDG: Not dangerous goods  
 IATA: 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 precautions 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**

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