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

### **1.1. Product identifier**

**Name of product** joke Fill W-22

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

#### **Identified uses**

##### **Sector of uses [SU]**

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU3 - Industrial uses: Uses of substances as such or in preparations at industrial sites

##### **Recommended intended purpose(s)**

Rods and wires for welding

### **1.3. Details of the supplier of the safety data sheet**

#### **Manufacturer/distributor**

joke Technology GmbH  
Asselborner Weg 14-16, D-51249 Bergisch Gladbach  
Phone +49 (0) 22 04 - 839-0, Fax +49 (0) 22 04 - 839-60  
E-Mail [info@joke.de](mailto:info@joke.de)  
Internet [www.joke.de](http://www.joke.de)

#### **Advice**

Phone +49 (0) 22 04 - 839-0  
E-mail (competent person):  
[info@joke.de](mailto:info@joke.de)

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

#### **Emergency advice**

Vergiftungs-I-Z. Freiburg  
Phone Telefon: +49 (0)761 - 19240  
REACH and CLP UK CA Help Desk; Telephone: +44  
171 635 9191

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## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Hazard statements for physical hazards**

no

#### **Hazard statements for health hazards**

no

#### **Hazard statements for environmental hazards**

no

### **Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

#### **Additional hints**

In accordance with the provisions of Regulation (EC) No 1907/2006 on the Registration, Evaluation and Authorization of Substances as such or in mixtures (REACH), our product is a product.

### **2.2. Label elements**

#### **Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**



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**Hazard statements for physical hazards**

no

**Hazard statements for health hazards**

no

**Hazard statements for environmental hazards**

no

**2.3. Other hazards**

**Results of PBT and vPvB assessment**

not applicable

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

**3.1. Substances**

not applicable

**3.2. Mixtures**

**Description**

Mixture of listed substances with harmless additives.

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
7440-47-3	231-157-5	Chrom	5 - 12,5	

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

First aid measures refer to dusts and fumes (shortness of breath and irritation of the respiratory tract, see section 11)

**In case of inhalation**

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

In case of contact with skin wash off with soap and water.

**In case of eye contact**

In case of contact with eyes rinse thoroughly with water.

**In case of ingestion**

Do not induce vomiting.

Refer to medical treatment.

Rinse out mouth thoroughly with water.

**4.2. Most important symptoms and effects, both acute and delayed**

**Physician's information / possible symptoms**

No information available.

**Physician's information / possible dangers**

No information available.



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**4.3. Indication of any immediate medical attention and special treatment needed**  
**Treatment (Advice to doctor)**  
Treat symptoms.

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## **SECTION 5: Firefighting measures**

**5.1. Extinguishing media**  
**Suitable extinguishing media**  
Fire-extinguishing activities according to surrounding.

**Unsuitable extinguishing media**  
Full water jet

**5.2. Special hazards arising from the substance or mixture**  
No information available.

**5.3. Advice for firefighters**  
**Special protective equipment for fire-fighters**  
Use breathing apparatus with independent air supply.

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

**6.1. Personal precautions, protective equipment and emergency procedures**  
**For non-emergency personnel**  
Ensure adequate ventilation.  
Use breathing apparatus if exposed to vapours/dust/aerosol.

**For emergency responders**  
Ensure adequate ventilation.  
Use personal protective clothing.  
Use breathing apparatus if exposed to vapours/dust/aerosol.

**6.2. Environmental precautions**  
Do not discharge into the drains or bodies of water..

**6.3. Methods and material for containment and cleaning up**  
Take up mechanically and send for disposal.

**6.4. Reference to other sections**  
Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8

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## **SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**  
**Advice on safe handling**  
Avoid skin contact.  
Provide good room ventilation even at ground level (vapours are heavier than air).  
Provide suitable extraction at the processing machines.

**General protective measures**  
Do not inhale dust/fumes/aerosols.

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**Hygiene measures**

At work do not eat, drink, smoke or take drugs.  
Wash soiled clothing immediately.  
Keep away from food and drink.  
Wash hands and skin before breaks and after work.

**Advice on protection against fire and explosion**

The product is not combustible.  
The vapours of product are heavier than air.  
At higher temperature ( welding ) product may decompose intensive and dangerous.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

No special measures required.

**Advice on storage compatibility**

Store and transport separate of food.

**Further information on storage conditions**

Storage: dry

**Information on storage stability**

No information available.

**Storage group** 13

**7.3. Specific end use(s)**

No information available.

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

**8.1. Control parameters**

**8.2. Exposure controls**

**Respiratory protection**

Short term: filter apparatus, Filter P2

**Hand protection**

Selection of the glove material considering the breakthrough times, permeation rates and the degradation.

**Eye protection**

safety goggles

**Other protection measures**

Impermeable protective clothing

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**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Appearance**

solid

**Colour**

No information available.

**Odour**

odourless

**Odour threshold**

No information available.



# Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not applicable				
<b>Boiling temperature / boiling range</b>	not determined				
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	not applicable				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>					The product is not self-igniting.
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	not determined				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					insoluble
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				
<b>Solvent content</b>	0 %				
<b>Oxidising properties</b>					
No information available.					
<b>Explosive properties</b>					
The product is not explosive.					



**9.2. Other information**  
No information available.

## SECTION 10: Stability and reactivity

**10.1. Reactivity**  
No hazardous reactions known.

**10.2. Chemical stability**  
stable

**10.3. Possibility of hazardous reactions**  
No hazardous reactions known.

**10.4. Conditions to avoid**  
No information available.

**10.5. Incompatible materials**  
**Substances to avoid**  
No information available.

**10.6. Hazardous decomposition products**  
None, when used as intended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>Skin irritation</b>	non-irritant			
<b>Eye irritation</b>	non-irritant			
<b>Skin sensitization</b>	non-sensitizing			
<b>Sensitization respiratory system</b>	not sensitizing			

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Mutagenicity</b>				no
<b>Reproduction- Toxicity</b>				no
<b>Carcinogenicity</b>				no



**Specific target organ toxicity (single exposure)**

No information available.

**Specific target organ toxicity (repeated exposure)**

No information available.

**Aspiration hazard**

no

**Additional information**

Based on available data, the classification criteria are not met.

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**SECTION 12: Ecological information**

**12.1. Toxicity**

No information available.

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

not applicable

**12.5. Results of PBT and vPvB assessment**

not applicable

**12.6. Other adverse effects**

No information available.

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**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste code No.**

12 01 13

**Name of waste**

welding wastes

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Totally emptied packaging may be taken for recycling.

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**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-



	ADR/RID	IMDG	IATA-DGR
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b> No information available.			
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> No information available.			
<b>Land and inland navigation transport ADR/RID</b> No dangerous goods as defined by these transport regulations.			
<b>Marine transport IMDG</b> No dangerous goods as defined by these transport regulations.			
<b>Air transport ICAO/IATA-DGR</b> No dangerous goods as defined by these transport regulations.			
<b>Transport/further information</b> No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.			

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Other regulations (EU)**  
 No information available.

### National regulations

**Water hazard class** - self-classification  
 nwh - not water hazardous

**15.2. Chemical Safety Assessment**  
 Eine Stoffsicherheitsbeurteilung wurde nicht durchgeführt.

## SECTION 16: Other information

### Further information

The information contained herein relates only to the designated product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.1