

## SAFETY DATA SHEET

### SVETSTRÅD FÖR OLEGERADE STÅL 80820400

Last changed: 24/08/2012

Replaces date: 08/07/2002

Internal No: 80820400

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

##### 1.1 Product identifier

Trade name / designation SVETSTRÅD FÖR OLEGERADE STÅL 80820400  
GROUP NAME Gassvetstråd

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

###### Vendor art. number

80820053

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

###### NATIONAL MANUFACTURER/IMPORTER

Enterprise GasIQ AB  
Address Snickarevägen 1  
Postal code 443 61 Stenkullen  
Country SVERIGE  
E-mail info@gasiq.se  
Internet www.gasiq.se  
Telephone +46 302 24680  
Fax +46 302 24690

#### 2 Hazards identification

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

DPD Classification: R43

CLP Classification: Skin Sens. 1BH317

Most important HSE hazard effects: May cause an allergic skin reaction.

##### 2.2 Label elements



Signal word: None

EC-Label: No

###### COMPOSITION

Koppar (< 80 %), Nickel. (< 20 %)

###### H Statements

H317 May cause an allergic skin reaction.

##### 2.3 Other hazards

###### OTHER HAZARDS

Dust and splashing into the eyes may cause irritation and smarting. Vapour may irritate respiratory system or lungs.

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#### 3 Composition/information on ingredients

##### 3.2 Mixtures

| Ingredient name | Reg.No | EC No. | CAS No.   | Conc. (wt%) | DPD-Classification | CLP-classification                |
|-----------------|--------|--------|-----------|-------------|--------------------|-----------------------------------|
| Koppar          |        |        | 7440-50-8 | < 80 %      |                    |                                   |
| Nickel.         |        |        | 7440-02-0 | < 20 %      | Xn,Xi,R40 - R43    | Skin Sens. 1 H317<br>Carc. 2 H351 |

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

#### 4 First aid measures

##### 4.1 Description of first aid measures

###### INHALATION

Fresh air.

###### SKIN CONTACT

Wash skin with soap and water. Consult a doctor if symptoms should occur.

###### EYE CONTACT

Rinse with water. Consult a doctor if symptoms should occur.

###### BURNS

Burns must be treated by a physician.

##### 4.2 Most important symptoms and effects, both acute and delayed

##### 4.3 Indication of any immediate medical attention and special treatment needed

#### 5 Fire-fighting measures

##### 5.1 Extinguishing media

##### 5.2 Special hazards arising from the substance or mixture

##### 5.3 Advice for fire-fighters

#### 6 Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

##### 6.2 Environmental precautions

##### 6.3 Methods and material for containment and cleaning up

##### 6.4 Reference to other sections

#### 7 Handling and Storage

##### 7.1 Precautions for safe handling

##### 7.2 Conditions for safe storage, including any incompatibilities

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#### 7.3 Specific end uses

#### 8 Exposure controls / Personal protection

##### 8.1 Control parameters

##### 8.2 Exposure controls

###### APPROPRIATE ENGINEERING CONTROLS

Use only in well-ventilated areas.

###### SKIN PROTECTION

Avoid contact with skin.

###### HAND PROTECTION

Avoid contact with skin.

#### 9 Physical and chemical Properties

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

**PHYSICAL STATE** Solid.

**COLOUR** Grey.

**ODOUR** Almost odourless.

| Parameter                               | Value/unit | Method/reference | Observation |
|---|------------|------------------|-------------|
| pH concentrate                          | No data    |                  |             |
| pH in solution                          | No data    |                  |             |
| Melting point                           | No data    |                  |             |
| Freezing point                          | No data    |                  |             |
| Initial boiling point and boiling range | No data    |                  |             |
| Flash point                             | No data    |                  |             |
| Evaporation rate                        | No data    |                  |             |
| Flammability (solid, gas)               | No data    |                  |             |
| Flammability limits                     | No data    |                  |             |
| Explosion limits                        | No data    |                  |             |
| Vapour pressure                         | No data    |                  |             |
| Vapour density                          | No data    |                  |             |
| Relative density                        | No data    |                  |             |
| Partition coefficient                   | No data    |                  |             |
| Auto-ignition temperature               | No data    |                  |             |
| Decomposition temperature               | No data    |                  |             |
| Viscosity                               | No data    |                  |             |

##### 9.2 Other safety information

| Note no. | Comments |
|----------|----------|
|          |          |

#### 10 Stability and Reactivity

##### 10.1 Reactivity

##### 10.2 Chemical stability

##### 10.3 Possibility of hazardous reactions

##### 10.4 Conditions to avoid

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#### 10.5 Incompatible materials

#### 10.6 Hazardous decomposition products:

#### 11 Toxicological information

##### 11.1 Toxicological effects

###### ACUTE TOXICITY - DERMAL

###### ACUTE TOXICITY - INHALATION

When welding, smoke and gases may be formed that are harmful to health. May cause nausea and dizziness. Irritation of nose and throat.

###### SKIN CORROSION/IRRITATION

May cause sensitisation by skin contact.

###### SERIOUS EYE DAMAGE/IRRITATION

May be irritating.

###### RESPIRATORY OR SKIN SENSITISATION

Protracted exposure to welding fumes may cause damage to the lungs.

#### 12 Ecological information

##### 12.1 Toxicity

###### ECOTOXICITY

May cause long-term adverse effects in the environment.

##### 12.2 Persistence and degradability

##### 12.3 Bioaccumulative potential

##### 12.4 Mobility in soil

##### 12.5 Results of PBT and vPvB assessment

##### 12.6 Other adverse effects

#### 13 Disposal considerations

##### 13.1 Waste treatment methods

###### GENERAL REGULATIONS

Local and EU regulations for refuse treatment must be followed.

###### CATEGORY OF WASTE

EWC 08 01 20

#### 14 Transport information

Classified as Dangerous Goods: No

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#### Land transport (ADR/RID)

|                           |                 |                            |                 |
|---------------------------|-----------------|----------------------------|-----------------|
| 14.1 UN-No.               | Not applicable. | 14.4 Packing group         | Not applicable. |
| 14.2 Proper Shipping Name | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es)            | Not applicable. |                            |                 |
| Hazard label(s)           | Not applicable. |                            |                 |
| Hazard ID:                | Not applicable. | Tunnel restriction code    | Not applicable. |

#### Inland water ways transport (ADN)

|   |                 |                            |                 |
|---|-----------------|----------------------------|-----------------|
| 14.1 UN-No.                               | Not applicable. | 14.4 Packing group         | Not applicable. |
| 14.2 Proper Shipping Name                 | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es)                            | Not applicable. |                            |                 |
| Environmentally hazardous in tank-vessels | Not applicable. |                            |                 |

#### Sea transport (IMDG)

|                             |                 |                            |                 |
|-----------------------------|-----------------|----------------------------|-----------------|
| 14.1 UN-No.                 | Not applicable. | 14.4 Packing group         | Not applicable. |
| 14.2 Proper Shipping Name   | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es)              | Not applicable. |                            |                 |
| Sub Risk:                   | Not applicable. |                            |                 |
| IMDG Code segregation group | Not applicable. |                            |                 |
| Marine pollutant            | Not applicable. |                            |                 |
| EMS:                        | Not applicable. |                            |                 |

#### Air transport (ICAO-TI / IATA-DGR)

|                           |                 |                            |                 |
|---------------------------|-----------------|----------------------------|-----------------|
| 14.1 UN-No.               | Not applicable. | 14.4 Packing group         | Not applicable. |
| 14.2 Proper Shipping Name | Not applicable. | 14.5 Environmental hazards | Not applicable. |
| 14.3 Class(es)            | Not applicable. |                            |                 |
| Hazard label(s)           | Not applicable. |                            |                 |

### 15 Regulatory information

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

**15.2 Chemical Safety Assessment**

#### OTHER INFORMATION

Read and follow manufacturer's instructions. Refer particularly to local circumstances and regulations.

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#### LIST OF RELEVANT R-PHRASES

|     |  |
|-----|--|
| R40 | Limited evidence of a carcinogenic effect. |
| R43 | May cause sensitisation by skin contact.   |

#### LIST OF RELEVANT H-STATEMENTS

|      |                                      |
|------|--------------------------------------|
| H317 | May cause an allergic skin reaction. |
| H351 | Suspected of causing cancer.         |