

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

- **Product identifier**
- **Trade name** **CARAMBA Hochleistungs Schweiss-Schutz (Aerosol)**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Metal-working product
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
CARAMBA CHEMIE GMBH & Co.KG  
WANHEIMERSTR. 334/336  
47055 DUISBURG  
Tel.: 0203/778601
- **Informing department:**  
Andrea Petersen  
Tel.: ++49/(0)203 / 77 86 189  
E-Mail: andrea.petersen@caramba.de
- **Emergency telephone number:**  
Giftnotruf Berlin +49(0)30 30686 790 Beratung in Deutsch und Englisch

**2 Hazards identification**

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC void**
- **Classification system:**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **Label elements**
- **Labelling according to EU guidelines:**  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.  
Observe the normal safety regulations when handling chemicals
- **Safety phrases:**  
2 Keep out of the reach of children.  
23 Do not breathe aerosol.  
51 Use only in well-ventilated areas.  
60 This material and its container must be disposed of as hazardous waste.
- **Special labelling of certain preparations:**  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.  
Do not pierce or burn, even after use.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**3 Composition/information on ingredients**

- **Chemical characterization: Mixtures**
- **Description:** Mixture consisting of the following components with harmless additives.
- **Dangerous components:** Void
- **Additional information** For the wording of the listed risk phrases refer to section 16.

**4 First aid measures**

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 23.01.2011

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- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Do not induce vomiting; instantly call for medical help.

## 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder, waterspray or foam.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with much water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections** No dangerous materials are released.

## 7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with critical values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Safety glasses recommended.

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## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

Form:	Fluid
Colour:	White
Smell:	Characteristic

· pH-value at 20°C: 9.5 (DIN 19 260)

#### · Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: 100°C

· Flash point: Not applicable

· Self-inflammability: Product is not selfigniting.

· Danger of explosion: Product is not explosive.

· Density at 20°C 0.990 g/cm<sup>3</sup> (DIN 51 757)

#### · Solubility in / Miscibility with

Water: Fully miscible

## 10 Stability and reactivity

### · Reactivity

### · Chemical stability

· **Conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known

· **Hazardous decomposition products:** None

## 11 Toxicological information

### · Information on toxicological effects

#### · Acute toxicity:

#### · Primary irritant effect:

· **on the skin:** No irritant effect.

· **on the eye:** No irritant effect.

· **Sensitization:** No sensitizing effect known.

#### · Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

According to our experience and all information available to us the product is not expected to present a health hazard.

## 12 Ecological information

### · Toxicity

· **Acquatic toxicity:** No further relevant information available.

#### · Additional ecological information:

· **General notes:** Prevent entry of undiluted product or large quantities into sewers and waterways.

#### · Results of PBT and vPvB assessment

· **PBT:** Not applicable.

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· **vPvB:** Not applicable.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed with household garbage.

- **European waste catalogue**

07 06 04	other organic solvents, washing liquids and mother liquors
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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### 14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

- **ADR/RID-GGVS/E Class:** 2 5A Gases.
- **Kemler Number:** -
- **UN-Number:** 1950
- **Packaging group:** -
- **Label** 2.2
- **UN proper shipping name:** 1950 AEROSOLS
- **Limited quantities (LQ)** LQ2
- **Transport category** 3
- **Tunnel restriction code** E

- **Maritime transport IMDG/GGVSea:**

- **IMDG/GGVSea Class:** 2.2
- **UN Number:** 1950
- **Label** 2.2
- **Packaging group:** -
- **EMS Number:** F-D,S-U
- **Marine pollutant:** No
- **Correct technical name:** AEROSOLS

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** 2.2
- **UN/ID Number:** 1950
- **Label** 2.2
- **Packaging group:** -
- **Correct technical name:** AEROSOLS, non-flammable

- **Special precautions for user** Warning: Gases.

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Designation according to EC guidelines:**  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.  
Observe the normal safety regulations when handling chemicals
- **Safety phrases:**  
2 Keep out of the reach of children.  
23 Do not breathe aerosol.

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(Contd. of page 4)

51 Use only in well-ventilated areas.

60 This material and its container must be disposed of as hazardous waste.

· **Special designation of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

· **National regulations**

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**

*These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Department issuing data specification sheet:** Abteilung Labor

· **Contact:** Frau Petersen

· \* **Data compared to the previous version altered.**

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