

## MATERIAL SAFETY DATA SHEET - MSDS

### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the product:

**Name of material:** Charcoal activated, Art.Nr.: 30011, Innerpackage: PP Bottle

#### Use of the substance/preparation:

analytical chemistry, for decolourization of liquids, antidote, in explosive compositions.

#### Manufacturer/supplier identification:

##### Company:

Gatt-Koller GmbH

Swarovskistrasse 74

A-6067 Absam

Tel.: 0043-5223-44216-0 Fax.: 0043-5223-43216

#### Emergency Telephone:

Tel.: 0049-551-19240

### 2. Composition/information on ingredients

#### Identification and amount of the components:

CAS: 7440-44-0

Molecular weight: 12.01

EC number: 231-153-3

Formula: C

### 3. Hazards identification

#### Hazards classification for the substance according to the European Directives:

No hazardous product as specified in Directive 67/548/EEC.

### 4. First aid measures

**After inhalation:** (particles, dusts): Fresh air.

**After skin contact:** wash off with water.

**After ingestion:** (particles, dusts): plenty of water to drink, consult doctor if feeling unwell.

**After eye contact:** wash off with plenty of water. Summon eye specialist.

### 5. Fire-fighting measures

**Suitable extinguishing media:** Water, foam, powder.

**Special risks:** combustible. Danger of dust explosion!

Formation of combustion gases or dangerous vapours possible in event of fire.

**Special protective equipment for fire fighting:** Do not stay in dangerous zone without self-contained breathing apparatus.

### 6. Accidental release measures

**Person-related precautionary measures:** Avoid generation of dusts.

**Procedures for cleaning / absorption:** Take up dry. Forward for disposal. Clean up.

### 7. Handling and storage

**Handling:** No further requirements.

**Storage:** Store tightly closed and dry. Storage temperature: no restrictions.

### 8. Exposure controls/personal protection

**Exposure limit values:** (MAK, Germany): 1,5 mg/m<sup>3</sup>

#### Exposure controls:

**Occupational exposure controls:** The personal protective equipment must be selected according to the working place, based on the concentration and amount of the dangerous substance. The supplier should indicate the stability of the personal protective equipment to chemical reagents.

**Respiratory protection:** required when dusts are generated.

**Hand protection:** not required.

**Eye protection:** required

**Industrial hygiene:** Wash hands after working with substance.

### 9. Physical and chemical properties

#### General information:

**Form:** solid

**Colour:** black

**Odour:** odourless

#### Important health, safety and environmental information:

**pH value:** (50 g/l H<sub>2</sub>O, 20 °C) ~ 4 - 7

**Boiling temperature:** ---

**Flash point:** ---

**Explosion limits (low):** ---

**Explosion limits (high):** ---

Vapour pressure: ---

Density (20 °C): ---

Solubility in water: (20 °C): insoluble

Viscosity: ---

Refractive index: ---

Melting temperature: ---

Ignition temperature: ---

#### **10. Stability and reactivity**

**Conditions to be avoided:** Strong heating.

**Substances to be avoided:** strong oxidizing agents.

**Hazardous decomposition products:** No information available.

**Further information:** dust explosion possible.

#### **11. Toxicological information**

**Acute toxicity:**

Quantitative data on the toxicity of this product are not available.

**Further information:**

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. The literature and our own experience have not revealed any hazardous properties.

#### **12. Ecological information**

**Ecotoxic effects:**

Quantitative data on the ecological effect of this product are not available.

**Further ecologic data:**

No ecological problems are to be expected when the product is handled and used with due care and attention.

#### **13. Disposal considerations**

**Product:** There are no uniform EU Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EU member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

**Packaging:** Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

#### **14. Transport information**

- Air transport CAO, PAX forbidden
- ICAO/IATA-Class: 4.2
- UN/ID-No.: 1361

#### **15. Regulatory information**

**EC-classification:** This product is not included in the dangerous substances index with its corresponding EC index number, so it has been classified according to the annex VI of the 2001/59/EC directive.

**Symbol:**

**R-phrases:** ---

**S-phrases:** ---

**EC-Index-No:** ---

**German regulations**

Water pollution class nwg (non polluting substance) VwVwS Anh. 1 KennNr. 801

Storage class VCI 10-13

#### **16. Other information**

**Date:** 21/12/2006

The information supplied in this data sheet, is based on the present state of our knowledge. The purpose of this information, is only to describe the security measures to follow in the handling of the product. Therefore it does not represent a guarantee about the properties of the product.

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