

# Material Data Safety Sheet

According to (EG) Nr. 1907/2006 (REACH)

Updated:12.04.2011

Sebacoyl chloride Art. Nr. 31833

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Sebacoyl chloride

Product Number : 31833

Company:

Gatt-Koller GmbH

Swarovskistrasse 74

A-6067 Absam

Phone: 0043-5223-44216-0

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## 2. HAZARDS IDENTIFICATION

Label elements

**Pictogram**



Signal Word **DANGER**

Hazard statement(s)

H302 Harmful if swallowed.

H335 May cause respiratory irritation.

H314 Causes severe skin burns and eye damage.

Precautionary statement(s)

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301 +

P330 +

P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P309 +

P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

P305 + P351 + IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

P338 lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/ container to an approved waste disposal plant.

**(67/548/EWG oder 1999/45/EG)**

INDICATION OF DANGER: C

Corrosive

R-PHRASES: 22-34

## 3 - Composition/Information on Ingredients

Product Name CAS # EC no Annex I Index Number

SEBACOYL CHLORIDE 111-19-3 203-843-4 None

Formula C<sub>10</sub>H<sub>16</sub>Cl<sub>2</sub>O<sub>2</sub>

Molecular Weight 239.14 AMU

## 4 - First Aid Measures

AFTER INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

#### AFTER SKIN CONTACT

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

Call a physician.

#### AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

#### AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately. Do not induce vomiting.

5 - Fire Fighting Measures

#### EXTINGUISHING MEDIA

Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.

#### SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

#### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 - Accidental Release Measures

#### PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR

SPILL Evacuate area.

#### PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

#### METHODS FOR CLEANING UP

Cover with dry lime or soda ash, pick up, keep in a closed container, and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

7 - Handling and Storage

#### HANDLING

Directions for Safe Handling: Do not breathe vapor. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

#### STORAGE

Conditions of Storage: Keep tightly closed. Store in a cool dry place. Store under argon.

SPECIAL REQUIREMENTS: Moisture sensitive.

8 - Exposure Controls / Personal Protection

#### ENGINEERING CONTROLS

Use only in a chemical fume hood. Safety shower and eye bath.

#### GENERAL HYGIENE MEASURES

Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.

#### PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Hand Protection: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

Special Protective Measures: Faceshield (8-inch minimum).

9 - Physical and Chemical Properties

Appearance Color: Almost colorless

Form: Clear liquid

Property Value At Temperature or Pressure

pH N/A

BP/BP Range 168 °C 12 mmHg

MP/MP Range - 2.5 °C  
Flash Point 113 °C Method: closed cup  
Flammability N/A  
Autoignition Temp N/A  
Oxidizing Properties N/A  
Explosive Properties N/A  
Explosion Limits N/A  
Vapor Pressure N/A SG/Density 1.119 g/cm<sup>3</sup>  
Partition Coefficient N/A  
Viscosity N/A  
Vapor Density N/A  
Saturated Vapor Conc. N/A  
Evaporation Rate N/A  
Bulk Density N/A  
Decomposition Temp. N/A  
Solvent Content N/A  
Water Content N/A  
Surface Tension N/A  
Conductivity N/A  
Miscellaneous Data N/A  
Solubility N/A  
10 - Stability and Reactivity  
STABILITY  
Stable: Stable.  
Materials to Avoid: Alcohols, Oxidizing agents, Strong bases.  
HAZARDOUS DECOMPOSITION PRODUCTS  
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide,  
Hydrogen chloride gas, Phosgene gas.  
HAZARDOUS POLYMERIZATION  
Hazardous Polymerization: Will not occur  
11 - Toxicological Information  
ACUTE TOXICITY  
LD50  
Oral  
Rat  
400 mg/kg  
Remarks: Skin and Appendages: Other: Hair. Behavioral: Muscle  
weakness.  
LD50  
Intraperitoneal  
Rat  
50 MG/KG  
Remarks: Behavioral: Tremor. Kidney, Ureter, Bladder: Hematuria.  
Skin and Appendages: Other: Hair.  
LD50  
Oral  
Mouse  
> 1600 mg/kg  
LD50  
Intraperitoneal  
Mouse  
100 MG/KG  
LD50  
Skin  
Guinea pig 50 UL/KG  
IRRITATION DATA  
Eyes  
Rabbit  
0.045 ml  
Remarks: Severe irritation effect  
SIGNS AND SYMPTOMS OF EXPOSURE  
To the best of our knowledge, the chemical, physical, and

toxicological properties have not been thoroughly investigated. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

#### ROUTE OF EXPOSURE

Skin Contact: Causes burns.

Skin Absorption: Toxic if absorbed through skin.

Eye Contact: Causes burns.

Inhalation: Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: Harmful if swallowed.

#### 12 - Ecological Information

No data available.

#### 13 - Disposal Considerations

##### SUBSTANCE DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

#### 14 - Transport Information

##### RID/ADR

UN#: 3265

Class: 8

PG: II

Proper Shipping Name: Corrosive liquid,acidic,organic,n.o.s

##### IMDG

UN#: 3265

Class: 8

PG: II

EMS-Number: F-A S-B

Proper Shipping Name: Corrosive liquid,acidic,organic,n.o.s

Severe Marine Pollutant: No

Technical Name: Required

##### IATA

UN#: 3265 Class: 8

PG: II

Proper Shipping Name: Corrosive liquid,acidic,organic,n.o.s

Inhalation Packing Group I: No

Technical Name: Required

#### 15 - Regulatory Information

Label elements



Signal Word **DANGER**

#### Hazard statement(s)

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#### Precautionary statement(s)

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P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.  
P305 + P351 + IF IN EYES: Rinse cautiously with water for several minutes. Remove contact  
P338 lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/ container to an approved waste disposal plant.

#### CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

INDICATION OF DANGER: C

Corrosive

R-PHRASES: 22-34

Harmful if swallowed. Causes burns.

S-PHRASES: 26-36/37/39-45-60

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). This material and/or its container must be disposed of as hazardous waste.

#### COUNTRY SPECIFIC INFORMATION

Germany

Water pollution class 1 (slightly polluting substance) VwVwS Annex. 3

Storage class VCI 8 A

16 - Other Information

#### WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Gatt-Koller GmbH, shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Gatt-Koller GmbH

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