SAFETY DATA SHEET

Oakwood Products, Inc
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Phone Numbers:
- Product Information: 803-739-8800
- Transportation Emergency: 800-451-8346
- Outside the USA: 760-602-8700

MATERIAL IDENTIFICATION

NAME: 2-Methoxy-benzenesulfonyl chloride
CAS#: [10130-87-7]
CAT#: 088375
For R&D use only.

HAZARDS IDENTIFICATION

GHS Classification
- Skin corrosion/irritation (Category 1C)
- Serious eye damage/eye irritation (Category 1)

GHS Label elements, including precautionary statements

Pictograms

Signal Word: Danger

Hazard Statement(s)
- H314: Causes severe skin burns and eye damage
- H318: Causes serious 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.
- P302 + P352: IF ON SKIN: wash with plenty of soap and water.
- P304 + P340: IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
- P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310: Immediately call a POISON CENTER or doctor/physician.

2-Methoxy-benzenesulfonyl chloride
COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Synonyms</th>
<th>o-Anisolesulfonyl chloride</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>C7H7ClO3S</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>206.65 g/mol</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS</th>
<th>Description</th>
<th>Concentration</th>
</tr>
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<tbody>
<tr>
<td>10130-87-7</td>
<td>2-Methoxy-benzenesulfon chloride</td>
<td></td>
</tr>
</tbody>
</table>

FIRST AID MEASURES

In case of eye contact
Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.

In case of skin contact
Wash thoroughly with soap and plenty of water. Seek medical attention.

If inhaled
Remove victim from source of exposure to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

If swallowed
Do not induce vomiting. Give water to victim to drink. Seek medical attention.

FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards/decomposition of product
Emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

Personal precautions
Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area. Remove all sources of ignition. Evacuate personnel.

Environmental precautions
Prevent further leakage if safe to do so.

Methods and materials for containment and clean up
Absorb spills on sand or vermiculite and place in closed container for disposal.

HANDLING AND STORAGE

Precautions for safe handling
Avoid prolonged use. Avoid all direct contact with material. Do not breathe dust or vapor. Wash
thoroughly after handling.

**Precautions for safe storage**
Keep container tightly closed. Store in a cool, dry, well-ventilated area.
Air sensitive
Moisture sensitive.

### EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

**Eye/face protection**
Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Hand/skin protection**
Avoid all direct contact with product.
Wear chemical-resistant gloves.
Wear protective clothing and boots.
After contact with skin, wash immediately.

**Respiratory protection**
Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

### PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid</td>
</tr>
<tr>
<td>Odour</td>
<td>no data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>no data available</td>
</tr>
<tr>
<td>Melting point/Freezing Point</td>
<td>50-54°C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>no data available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>no data available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper/Lower Flammability or Explosive limits</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>no data available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>no data available</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>no data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>no data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>no data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>no data available</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>no data available</td>
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</table>

### STABILITY AND REACTIVITY

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of hazardous reactions**
no data available

**Conditions to avoid**
Air.
Moisture.

**Incompatible materials**
Strong oxidizing agents, strong bases, amines, and alcohols.

**Hazardous decomposition products**
May evolve carbon monoxide, carbon dioxide, sulfur oxides, and hydrogen chloride.

## TOXICOLOGICAL INFORMATION

**Acute toxicity**
no data available

**Skin corrosion/irritation**
Causes severe skin burns and eye damage

**Serious eye damage/eye irritation**
Causes serious eye damage

**Respiratory or skin sensitization**
no data available

**Germ cell mutagenicity**
no data available

**Carcinogenicity**
no data available

**Reproductive toxicity**
no data available

**STOT-single exposure**
no data available

**STOT-repeated exposure**
no data available

**Aspiration hazard**
no data available

**Exposure Routes**
Causes burns.
May have harmful effects if inhaled or swallowed.

To the best of our knowledge, the health hazards of this material have not been fully investigated.

## ECOLOGICAL INFORMATION

**Toxicity**
no data available

Persistence and degradability
no data available

Bioaccumulative potential
no data available

Mobility in soil
no data available

PBT and vPvB assessment
no data available

Other adverse effects
no data available

DISPOSAL CONSIDERATIONS

Dissolve in 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 laws.

TRANSPORT INFORMATION

**DOT**
Corrosive solid, acidic, organic, n.o.s.
8
UN3261  III

**IMDG**
Corrosive solid, acidic, organic, n.o.s.
8
UN3261  III
EMS-No: F-A, S-B
Marine Pollutant: No

**IATA**
Corrosive solid, acidic, organic, n.o.s.
8
UN3261  III

REGULATORY INFORMATION

**SARA 302 Components**
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**
SARA 313: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

**New Jersey Right to Know Components**
This product may contain a chemical on the New Jersey Right to Know Components List.

CAS
California Prop. 65 Components
This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

OTHER INFORMATION

Version : 1.2

Revision Date : 10/16/2017

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Oakwood shall not be held liable for any damage resulting from handling or from contact with the above product.