Phenyldimethylchlorosilane

Hazard(s)
- Combustible liquid
- Causes severe skin burns and eye damage
- Causes serious eye damage

Precautionary Statement(s)
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- Wash hands thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.
- IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
Phenyldimethylchlorosilane

COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Synonyms</th>
<th>Dimethylphenylchlorosilane, chlorodimethylphenylsilane, DMPSCI, Chloro(dimethyl)phenylsilane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>C8H11ClSi</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>170.72 g/mol</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS</th>
<th>Description</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>768-33-2</td>
<td>Phenyl(dimethyl)chlorosilane</td>
<td>98%</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. 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>Liquid</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>no data available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>192-193°C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>61°C-closed cup</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>1.032</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>
</tbody>
</table>
SAFETY DATA SHEET

1.5082

IF INHALED: Remove victim to fresh air and keep at rest in a position.

Store in a well-ventilated place. Keep cool.

No data available.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

No data available.

192-193°C

98%

No data available.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing.

Combustible liquid.

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses if present and easy to handle.

No data available.

768-33-2

Keep away from heat/sparks/open flames/hot surfaces. — No specific fire fighting procedures are known.

170.72 g/mol

No data available.

Dimethylphenylchlorosilane, chlorodimethylphenylsilane, DMPSCl,

Description

The above information is believed to be correct but does not purport to be all-inclusive and shall be used with discretion.

SDS ... a guide. Oakwood shall not be held liable for any damage resulting from handling or from contact with the above product.

Phenyldimethylchlorosilane

Print Date: 12/08/2019

STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

Moisture.

Incompatible materials

Strong oxidizing agents, strong acids, and alcohols.

Hazardous decomposition products

May evolve carbon monoxide, carbon dioxide, hydrogen chloride, and silicon oxides.

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
Chlorosilanes, corrosive, n.o.s.
8
UN2987  II

IMDG
Chlorosilanes, corrosive, n.o.s.
8
UN2987  II
EMS-No: F-A, S-B
Marine Pollutant: No

IATA
Chlorosilanes, corrosive, n.o.s.
8
UN2987  II
IATA Passenger: Forbidden for transport

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.

<table>
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<tr>
<th>Name</th>
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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 : 1.4

Revision Date : 1/24/2017

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.