SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Substance
Physical state : Liquid
Substance name : 3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95
Product code : SIA0598.0
Formula : C_{12}H_{21}NO_{4}Si
Synonyms : m-[3-(TRIMETHOXYSYLPROPYL)ANILINE; BENZENAMINE, 4-[3-(TRIMETHOXYSYL)PROPOXY]-
Chemical family : ORGANOMETHOXYSILANE

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Chemical intermediate

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GELEST, INC.
11 East Steel Road
Morrisville, PA 19067
USA
T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:30 PM EST
info@gelest.com - www.gelest.com

GELEST INC.
Fritz-Klatte-Strasse 8
65933 Frankfurt
Germany
T +49 (0) 69 3535106-500 - F +49 (0) 69 3535106-501 - (M-F): 8:00 AM - 4:00 PM
info@gelestde.com - www.gelestde.com

1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2
Full text of H statements : see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP) : Warning
Hazard statements (CLP) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection.
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95
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P264 - Wash hands thoroughly after handling.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards
No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

<table>
<thead>
<tr>
<th>Substance type</th>
<th>Name</th>
<th>CAS-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mono-constituent</td>
<td>3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95</td>
<td>55648-29-8</td>
</tr>
</tbody>
</table>

3.2. Mixtures
Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general
Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

First-aid measures after inhalation
Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact
Wash with plenty of water/…. Get medical advice/attention.

First-aid measures after eye contact
Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion
Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation
May cause irritation to the respiratory tract. Overexposure may cause: Cough. Headache. Nausea.

Symptoms/effects after skin contact
Causes skin irritation.

Symptoms/effects after eye contact
Causes serious eye irritation.

Symptoms/effects after ingestion
May be harmful if swallowed.

Chronic symptoms
On contact with water this compound liberates methanol which is known to have a chronic effect on the central nervous system.

4.3. Indication of any immediate medical attention and special treatment needed
NOTE TO PHYSICIAN: This product reacts with water in the acid contents of the stomach to form methanol. The combination of visual disturbances, metabolic acidosis and formic acid in urine is evidence of methanol poisoning. The therapeutic intravenous administration of ethanol (10 mls/hour) allows methanol to be preferentially oxidized and reduces production of methanol metabolites. Acidosis must be treated with intravenous administration of sodium bicarbonate and methanol elimination may be increased by hemodialysis, as indicated. Treatment should be based on blood methanol levels and acid-base balance.
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95
Safety Data Sheet

SECTION 5: Firefighting measures
5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture
Fire hazard: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

5.3. Advice for firefighters
Firefighting instructions: Use water spray to cool exposed surfaces. Exercise caution when fighting any chemical fire.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapour and mist.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Precautions for safe handling: Avoid all eye and skin contact and do not breathe vapour and mist. Provide good ventilation in process area to prevent formation of vapour.
Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities
Storage conditions: Keep container tightly closed. Store in a dark area.
Storage area: Store in a well-ventilated place. Store away from heat.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection
8.1. Control parameters

<table>
<thead>
<tr>
<th>Methanol (67-56-1)</th>
<th>EU IOELV TWA (mg/m³)</th>
<th>260 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU IOELV TWA (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>Austria MAK (mg/m³)</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Austria MAK (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>Austria MAK Short time value (mg/m³)</td>
<td>1040 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Austria MAK Short time value (ppm)</td>
<td>800 ppm</td>
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</tr>
<tr>
<td>Belgium Limit value (mg/m³)</td>
<td>266 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Belgium Limit value (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>Belgium Short time value (mg/m³)</td>
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<td></td>
</tr>
<tr>
<td>Belgium Short time value (ppm)</td>
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<td></td>
</tr>
<tr>
<td>Bulgaria OEL TWA (mg/m³)</td>
<td>260 mg/m³</td>
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</tr>
<tr>
<td>Bulgaria OEL TWA (ppm)</td>
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<td></td>
</tr>
<tr>
<td>Cyprus OEL TWA (mg/m³)</td>
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</tr>
<tr>
<td>Cyprus OEL TWA (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>France VLE (mg/m³)</td>
<td>1300 mg/m³</td>
<td></td>
</tr>
<tr>
<td>France VLE (ppm)</td>
<td>1000 ppm</td>
<td></td>
</tr>
<tr>
<td>France VME (mg/m³)</td>
<td>260 mg/m³ (restrictive limit)</td>
<td></td>
</tr>
</tbody>
</table>
### Methanol (67-56-1)

<table>
<thead>
<tr>
<th>Country</th>
<th>Regulation</th>
<th>Limit Value (mg/m³)</th>
<th>Limit Value (ppm)</th>
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</thead>
<tbody>
<tr>
<td>France</td>
<td>VME (ppm)</td>
<td>200 ppm (restrictive limit)</td>
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<tr>
<td>Germany</td>
<td>TRGS 900 Occupational exposure limit value (mg/m³)</td>
<td>270 mg/m³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)</td>
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<tr>
<td>Germany</td>
<td>TRGS 900 Occupational exposure limit value (ppm)</td>
<td>200 ppm (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)</td>
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<tr>
<td>Germany</td>
<td>TRGS 903 Biological limit value</td>
<td>30 mg/l (Medium: urine - Time: end of shift - Parameter: Methanol)</td>
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<td>Gibraltar</td>
<td>Eight hours mg/m³</td>
<td>260 mg/m³</td>
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<tr>
<td>Gibraltar</td>
<td>Eight hours ppm</td>
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</tr>
<tr>
<td>Greece</td>
<td>OEL TWA (mg/m³)</td>
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</tr>
<tr>
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<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>OEL STEL (mg/m³)</td>
<td>325 mg/m³</td>
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<tr>
<td>Greece</td>
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<td>250 ppm</td>
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<tr>
<td>Italy - Portugal - USA ACGIH</td>
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<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>250 ppm</td>
<td></td>
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<tr>
<td>Italy</td>
<td>OEL TWA (mg/m³)</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
<td></td>
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<td>Latvia</td>
<td>OEL TWA (mg/m³)</td>
<td>260 mg/m³</td>
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<tr>
<td>Latvia</td>
<td>OEL TWA (ppm)</td>
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</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (ppm)</td>
<td>6000 ppm</td>
<td></td>
</tr>
<tr>
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<td>NIOSH REL (TWA) (mg/m³)</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (mg/m³)</td>
<td>325 mg/m³</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (ppm)</td>
<td>250 ppm</td>
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<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>260 mg/m³</td>
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<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
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<td></td>
</tr>
<tr>
<td>Spain</td>
<td>VLA-ED (mg/m³)</td>
<td>266 mg/m³ (indicative limit value)</td>
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</tr>
<tr>
<td>Spain</td>
<td>VLA-ED (ppm)</td>
<td>200 ppm (indicative limit value)</td>
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</tr>
<tr>
<td>Switzerland</td>
<td>KZGW (mg/m³)</td>
<td>1040 mg/m³</td>
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<tr>
<td>Switzerland</td>
<td>KZGW (ppm)</td>
<td>800 ppm</td>
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<td>Switzerland</td>
<td>MAK (mg/m³)</td>
<td>260 mg/m³</td>
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<tr>
<td>Switzerland</td>
<td>MAK (ppm)</td>
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</tr>
<tr>
<td>Netherlands</td>
<td>Grenswaarde TGG 8H (mg/m³)</td>
<td>133 mg/m³</td>
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<td>Grenswaarde TGG 8H (ppm)</td>
<td>100 ppm</td>
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</tr>
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<td>United Kingdom</td>
<td>WEL STEL (mg/m³)</td>
<td>333 mg/m³</td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL STEL (ppm)</td>
<td>250 ppm</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>Expoziční limity (PEL) (mg/m³)</td>
<td>250 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>Grænseværdie (langvarig) (mg/m³)</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Denmark</td>
<td>Grænseværdie (langvarig) (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>HTP-arvo (8h) (mg/m³)</td>
<td>270 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Finland</td>
<td>HTP-arvo (8h) (ppm)</td>
<td>200 ppm</td>
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</tr>
<tr>
<td>Finland</td>
<td>HTP-arvo (15 min)</td>
<td>330 mg/m³</td>
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<tr>
<td>Finland</td>
<td>HTP-arvo (15 min) (ppm)</td>
<td>250 ppm</td>
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</tr>
<tr>
<td>Hungary</td>
<td>AK-érték</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>OEL (8 hours ref) (mg/m³)</td>
<td>260 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>OEL (8 hours ref) (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>OEL (15 min ref) (mg/m3)</td>
<td>780 mg/m³ (calculated)</td>
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<tr>
<td>Ireland</td>
<td>OEL (15 min ref) (ppm)</td>
<td>600 ppm (calculated)</td>
<td></td>
</tr>
</tbody>
</table>
8.2. Exposure controls

Appropriate engineering controls:
Provide local exhaust or general room ventilation.

Personal protective equipment:
Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection:
Neoprene or nitrile rubber gloves

Eye protection:
Chemical goggles. Contact lenses should not be worn

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
NIOSH-certified combination organic vapor - amine gas (brown cartridge) respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
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</table>

Methanol (67-56-1)

<table>
<thead>
<tr>
<th>Country</th>
<th>Exposure Limit (mg/m³)</th>
<th>Concentration (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lithuania</td>
<td>IPRV</td>
<td>260 mg/m³</td>
</tr>
<tr>
<td>Lithuania</td>
<td>OEL TWA</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Malta</td>
<td>OEL TWA (mg/m³)</td>
<td>260 mg/m³</td>
</tr>
<tr>
<td>Malta</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Norway</td>
<td>Grenseverdier (AN)</td>
<td>130 mg/m³</td>
</tr>
<tr>
<td>Norway</td>
<td>Grenseverdier (AN) (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Norway</td>
<td>Grenseverdier (Korttidsverdi) (mg/m³)</td>
<td>130 mg/m³</td>
</tr>
<tr>
<td>Norway</td>
<td>Grenseverdier (Korttidsverdi) (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Poland</td>
<td>NDS (mg/m³)</td>
<td>100 mg/m³</td>
</tr>
<tr>
<td>Poland</td>
<td>NDSCh (mg/m³)</td>
<td>300 mg/m³</td>
</tr>
<tr>
<td>Romania</td>
<td>OEL TWA (mg/m³)</td>
<td>260 mg/m³</td>
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<td>Romania</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm</td>
</tr>
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<td>Romania</td>
<td>OEL STEL (ppm)</td>
<td>5 ppm</td>
</tr>
<tr>
<td>Slovakia</td>
<td>NPHV (priemerná) (mg/m³)</td>
<td>260 mg/m³</td>
</tr>
<tr>
<td>Slovakia</td>
<td>NPHV (priemerná) (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Sweden</td>
<td>nivågränsvärde (NVG) (mg/m³)</td>
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<td>nivågränsvärde (NVG) (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Sweden</td>
<td>kortidsvärde (KTV) (mg/m³)</td>
<td>350 mg/m³</td>
</tr>
<tr>
<td>Sweden</td>
<td>kortidsvärde (KTV) (ppm)</td>
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</tr>
<tr>
<td>Canada (Quebec)</td>
<td>VECD (mg/m³)</td>
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</tr>
<tr>
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<td>VECD (ppm)</td>
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</tr>
<tr>
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<td>VEMP (mg/m³)</td>
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</tr>
<tr>
<td>Canada (Quebec)</td>
<td>VEMP (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Australia</td>
<td>TWA (mg/m³)</td>
<td>262 mg/m³</td>
</tr>
<tr>
<td>Australia</td>
<td>TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>Australia</td>
<td>STEL (mg/m³)</td>
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</tr>
<tr>
<td>Australia</td>
<td>STEL (ppm)</td>
<td>250 ppm</td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL TWA (mg/m³)</td>
<td>260 mg/m³ (indicative limit value)</td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL TWA (ppm)</td>
<td>200 ppm (indicative limit value)</td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL STEL (ppm)</td>
<td>250 ppm</td>
</tr>
<tr>
<td>Portugal</td>
<td>OEL chemical category (PT)</td>
<td>skin - potential for cutaneous exposure indicative limit value</td>
</tr>
</tbody>
</table>
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXY SILANE, tech-95

Safety Data Sheet

Molecular mass : 271.39 g/mol
Odour : No data available
Odour threshold : No data available
Refractive index : 1.495
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : 125 - 135 °C @ 0.5 mm Hg
Flash point : > 110 °C
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : 1.02
% Volatiles : < 5 %
Solubility : Insoluble in water. Reacts with water.
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
No additional information available

10.2. Chemical stability
Stable in sealed containers stored under nitrogen in the dark.

10.3. Possibility of hazardous reactions
Reacts with water and moisture in air, liberating methanol.

10.4. Conditions to avoid
Heat. Open flame. Sparks.

10.5. Incompatible materials
Moisture. Oxidizing agent.

10.6. Hazardous decomposition products
Methanol. Organic amine vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity : Not classified

Methanol (67-56-1)
LC50 inhalation rat (ppm) : 22500 ppm (Exposure time: 8 h)
ATE CLP (oral) : 100 mg/kg bodyweight
ATE CLP (dermal) : 300 mg/kg bodyweight
ATE CLP (vapours) : 3 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95
Safety Data Sheet

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified
Potential adverse human health effects and symptoms : The hydrolysis product of this compound is methanol.
Symptoms/effects after inhalation : May cause irritation to the respiratory tract. Overexposure may cause: Cough. Headache. Nausea.
Symptoms/effects after skin contact : Causes skin irritation.
Symptoms/effects after eye contact : Causes serious eye irritation.
Symptoms/effects after ingestion : May be harmful if swallowed.
Chronic symptoms : On contact with water this compound liberates methanol which is known to have a chronic effect on the central nervous system.
Reason for classification : Expert judgment

SECTION 12: Ecological information

12.1. Toxicity
Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Not classified

Methanol (67-56-1)
|LC50 fish 1| 28200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
|LC50 fish 2| > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
Methanol (67-56-1)
|BCF fish 1| <10 |
|Log Pow| -0.77 |

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
Other adverse effects : This substance may be hazardous to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product/Packaging disposal recommendations : May be incinerated. Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

14.1. UN number
In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number
UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name
Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable
14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : 8
Danger labels (IMDG) : 8

IATA
Transport hazard class(es) (IATA) : 8
Hazard labels (IATA) : 8

ADN
Transport hazard class(es) (ADN) : Not applicable

RID
Transport hazard class(es) (RID) : Not applicable

14.4. Packing group
Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards
Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport
Vehicle for tank carriage : AT
Transport category (ADR) : 3

- Transport by sea
Special provisions (IMDG) : 223, 274
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T7
Tank special provisions (IMDG) : TP1, TP28
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage category (IMDG) : A
Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95
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- Air transport
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y841
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 852
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 856
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 8L

- Inland waterway transport
No data available

- Rail transport
No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations
No REACH Annex XVII restrictions
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95 is not on the REACH Candidate List
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95 is not on the REACH Annex XIV List
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95 is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

% Volatiles : < 5 %

15.1.2. National regulations

Germany
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands
SZW-lijst van kankerverwekkende stoffen : The substance is not listed
SZW-lijst van mutagene stoffen : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

15.2. Chemical safety assessment
No additional information available

SECTION 16: Other information

Abbreviations and acronyms:
Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemical Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling; APF: Assigned Protection Factor

Other information : Prepared by safety and environmental affairs.
3-(m-AMINOPHENOXY)PROPYLTRIMETHOXYSILANE, tech-95
Safety Data Sheet

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>H- or EUH-</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 3 (Dermal)</td>
<td>Acute toxicity (dermal), Category 3</td>
</tr>
<tr>
<td>Acute Tox. 3 (Inhalation:vapour)</td>
<td>Acute toxicity (inhalation:vapour) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 3 (Oral)</td>
<td>Acute toxicity (oral), Category 3</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids, Category 2</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>STOT SE 1</td>
<td>Specific target organ toxicity — single exposure, Category 1</td>
</tr>
<tr>
<td>STOT SE 2</td>
<td>Specific target organ toxicity — Single exposure, Category 2</td>
</tr>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed.</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled.</td>
</tr>
<tr>
<td>H370</td>
<td>Causes damage to organs.</td>
</tr>
<tr>
<td>H371</td>
<td>May cause damage to organs.</td>
</tr>
</tbody>
</table>

SDS EU (REACH Annex II) - Custom

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