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

Product form : Mixture
Product name : AM-6152 Amino Functional Silicone Fluid
Use of the substance/mixture : Release agent

Manufacturer or supplier details
Company name of supplier : Clearco Products Co Inc.
Address : 15 York Road
Willow Grove, PA 19090 U.S.A.
Telephone : 215-366-7860
Emergency Telephone : CHEM TEL: 1-800-255-3924 (DOMESTIC)
+01-813-248-0585 (INTERNATIONAL)

SECTION 2: Hazards identification

Classification (GHS-US)
Skin corrosion/irritation : Category 2
Series eye damage/eye irritation : Category 2A

Label elements
Hazard Pictograms (GHS-US):

Signal word (GHS-US) : Warning
Hazard Statements (GHS-US) : H315-Causes skin irritation
: H319-causes serious eye irritation
Precautionary statements (GHS-US): P260-Do not breathe spray or mist.
P280-Wear suitable protective clothing, gloves and eye/face protection.
P264-Wash hands thoroughly after handling.
P271 -Use only outdoors or in a well-ventilated area.
P305+351+338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+352-IF ON SKIN: Wash with plenty of soap and water
P337+ P313- If eye irritation persists, get medical advice/attention.
P3323 +P313-If skin irritation occurs, get medical advice/attention.
P362-Take off contaminated clothing and wash before reuse.
Other hazards
Other hazards not contributing to the classification: May be irritating to eyes, respiratory system and skin.

Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/information on ingredients

Substance
Not applicable

Dimethyl, methyl aminoethylaminoisobutyl siloxane, methoxy & hydroxy terminated. 831241-93-1 10 - <30

Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl, methyl aminoethylaminoisobutyl siloxane, methoxy &amp; hydroxy terminated</td>
<td>(CAS No.) 831241-93-1</td>
<td>&lt;=20</td>
<td>Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2A,H319</td>
</tr>
</tbody>
</table>

Full text of H phrases: see section 16

SECTION 4: First aid measures

Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact: Wash skin with mild soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed
Symptoms/injuries after inhalation: May cause respiratory irritation.
Symptoms/injuries after skin contact: May cause an allergic skin reaction.
Symptoms/injuries after eye contact: May cause eye irritation.
Symptoms/injuries after ingestion: Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

Indication of any immediate medical attention and special treatment needed
All treatments should be based on observed signs and symptoms of distress in the patient.
SECTION 5: Firefighting measures

**Extinguishing media**

Suitable extinguishing media: Not combustible. If there is a fire close by, use suitable extinguishing agents. Carbon dioxide (CO2), powder, alcohol-resistant foam, water fog.

Unsuitable extinguishing media: None known.

**Special hazards arising from the substance or mixture**

Fire hazard: The product itself does not burn.

Explosion hazard: Product is not explosive.

Reactivity: Normally stable, even under fire exposure conditions, and not reactive with water.

**Advice for firefighters**

Firefighting instructions: Use extinguishing media appropriate for surrounding fire. Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Use self-contained breathing apparatus.

SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Protective equipment: Wear water-proof gloves. Avoid contact with skin and eyes.

Emergency procedures: Avoid all unnecessary exposure. Ventilate area. Stop leak, if possible without risk. Take up small spills with dry chemical absorbent.

**For emergency responders**

Protective equipment: Avoid all eye and skin contact and do not breathe vapor and mist. Chemical goggles or face shield with safety glasses. Wear suitable gloves.

Emergency procedures: Stop leak, if possible without risk. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Impound and recover large spill by mixing it with inert granular solids.

**Environmental precautions**

Do not discharge into drains or the environment. Contains no substances known to be hazardous to the environment.

**Methods and material for containment and cleaning up**

For containment: Do not allow minor leaks or spills to accumulate on walking surfaces. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Impound and recover large spill by mixing it with inert granular solids.

**Reference to other sections**

Section 7: safe handling.
Section 8: personal protective equipment
Section 13: disposal information
SECTION 7: Handling and storage

**Precautions for safe handling**

Precautions for safe handling: Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures: Always wash your hands immediately after handling this product, and once again before leaving the workplace.

**Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in original container. Keep container tightly closed.

Incompatible materials: Strong oxidizers.

**Specific end use**

Release agent

SECTION 8: Exposure controls/personal protection

**Control parameters**

<table>
<thead>
<tr>
<th>Dimethyl, methyl aminoethylaminoisobutyl siloxane, methoxy &amp; hydroxy terminated. 831241-93-1</th>
<th>ACGIH</th>
<th>None established</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OSHA</td>
<td>None established</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACGIH</th>
<th>None applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA</td>
<td>None applicable</td>
</tr>
</tbody>
</table>

**Exposure controls**

Appropriate engineering controls: Avoid splashing. Avoid creating mist or spray. Either local exhaust or general room ventilation is usually required.

Hand protection: It is a good industrial hygiene practice to minimize skin contact. In case of repeated or prolonged contact wear waterproof gloves.

Eye protection: Safety glasses. Use splash goggles when eye contact due to splashing is possible.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: May be irritating to the respiratory system. In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless to light yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt;100 C</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>(water = 1)</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
Explosion limits: Not applicable
Explosive properties: Product is not explosive
Oxidizing properties: No oxidizing properties
Vapor pressure: Not applicable
Relative density: 0.97
Relative vapor density at 20 °C: Not applicable
Solubility: Soluble in water
Log Pow: No data available
Log Kow: Not applicable
Auto-ignition temperature: Not applicable
Decomposition temperature: No data available
Viscosity: Not applicable
Viscosity, dynamic: 350 cPs

Other information
No additional information available

SECTION 10: Stability and reactivity

Reactivity
Normally stable, even under fire exposure conditions, and not reactive with water.

Chemical stability
Stable under normal conditions

Possibility of hazardous reactions
Hazardous polymerization will not occur.

Conditions to avoid
Avoid contact with incompatible materials, excessive heat or cold

Incompatible materials
Strong oxidizing agents

Hazardous decomposition products

SECTION 11: Toxicological information

Information on toxicological effects
Likely routes of exposure: Dermal; Inhalation

Acute toxicity: Not classified. (Based on available data, the classification criteria are not met)

<table>
<thead>
<tr>
<th>Dimethyl, methyl aminoethylaminoisobutyl siloxane, methoxy &amp; hydroxy terminated. 831241-93-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
</tr>
<tr>
<td>LD50 dermal rat</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified. (Based on available data, the classification criteria are not met)
Serious eye damage/irritation: Not classified. (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization: May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified. (Based on available data, the classification criteria are not met)
Carcinogenicity: Not classified. (Based on available data, the classification criteria are not met)
Reproductive toxicity: Not classified. (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure): Not classified. (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure): Not classified. (Based on available data, the classification criteria are not met)

Aspiration hazard: Not classified. (Based on available data, the classification criteria are not met)
Symptoms/injuries after inhalation: May cause respiratory irritation.
Symptoms/injuries after skin contact: May cause skin irritation.
Symptoms/injuries after eye contact: May cause eye irritation.
Symptoms/injuries after ingestion: Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

SECTION 12: Ecological information

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Dimethyl, methyl aminoethylaminoisobutyl siloxane, methoxy &amp; hydroxy terminated. 831241-93-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
<td>Under Review</td>
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</table>

**Persistence and degradability**

<table>
<thead>
<tr>
<th>Persistence and degradability</th>
<th>Dimethyl, methyl aminoethylaminoisobutyl siloxane, methoxy &amp; hydroxy terminated. 831241-93-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>In soil, Readily biodegradable</td>
<td></td>
</tr>
</tbody>
</table>

**Bioaccumulative potential**

<table>
<thead>
<tr>
<th>Bioaccumulative potential</th>
<th>Dimethyl, methyl aminoethylaminoisobutyl siloxane, methoxy &amp; hydroxy terminated. 831241-93-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

**Mobility in soil**

No additional information available

**Other adverse effects**

Effect on ozone layer: None known
Effect on the global warming: None known

SECTION 13: Disposal considerations

**Waste treatment methods**

- Regional legislation (waste): Disposal must be done according to official regulations.
- Sewage disposal recommendations: Do not dispose of waste into sewer.
- Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

**Department of Transportation (DOT)**

In accordance with DOT
Not considered a dangerous good for transport regulations

**Additional information**

**ADR**
No additional information available.

**Transport by sea**
No additional information available.

**Air Transport**
No additional information available.
SECTION 15: Regulatory information

US Federal regulations

| Dimethyl, methyl aminoethalaminoisobutyl siloxane, methoxy & hydroxy terminated. 831241-93-1 |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| EPA TSCA Regulatory Flag | XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)). |

International regulations

CANADA

| 6156 |
| WHMIS Classification | This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

EU-Regulations

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-phrases: see section 16

National regulations

- No additional information available

US State regulations

- Not included in State Right-to-Know Hazardous Chemicals Lists

SECTION 16: Other information

Indication of changes | Original document.
| Organisation for Economic Co-operation and Development.
Abbreviations and acronyms | ACGIH: (American Conference of Governmental Industrial Hygienists).
| CAS: (Chemical Abstracts Service) number.
| GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
| OSHA: Occupational Safety & Health Administration.
| TSCA: Toxic Substances Control Act. |

Full text of H-phrases:

| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
NFPA health hazard: 0- Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard: 0- Materials that will not burn.
NFPA reactivity: 0- Normally stable, even under fire exposure conditions, and are not reactive with water.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user’s end product, if applicable.