1 Identification

Product identifier
Trade name: Silcor® 900MP NA Part A
SDS ID Number: 2782

Relevant identified uses of the substance or mixture, and uses advised against
Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet
Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:
Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture
Harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
Suspected of causing cancer.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

GHS07  GHS08

Danger

Hazard statements
Harmful if inhaled.
Causes skin irritation.
CAUSES SERIOUS EYE IRRITATION.
MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.
MAY CAUSE AN ALLERGIC SKIN REACTION.
SUSPECTED OF CAUSING CANCER.
MAY CAUSE RESPIRATORY IRRITATION.
MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

**Precautionary statements**

WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
IN CASE OF INADEQUATE VENTILATION WEAR RESPIRATORY PROTECTION.
DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY.
IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR Several MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.
IF ON SKIN: WASH WITH PLENTY OF WATER.
IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.
DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

**NFPA ratings (scale 0 - 4)**

![Health: 2](first)
![Fire: 1](second)
![Reactivity: 0](third)

**HMIS-ratings (scale 0 - 4)**

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FIRE</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

**Health:** 2
**Flammability:** 1
**Reactivity:** 0

**Other hazards**

**Results of PBT and vPvB assessment**
PBT: Not applicable.
vPvB: Not applicable.

---

**3 Composition/information on ingredients**

**Chemical characterization: Mixture**

**Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

<table>
<thead>
<tr>
<th>Hazardous components:</th>
</tr>
</thead>
<tbody>
<tr>
<td>39420-98-9 Modified MDI</td>
</tr>
<tr>
<td>101-68-8 Diphenylmethane-4,4'-di-isocyanate</td>
</tr>
<tr>
<td>25686-28-6 4,4'-Methylenediphenyl disocyanate, oligomers</td>
</tr>
<tr>
<td>Reaction mass of 4,4'-Methylenediphenyl disocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate</td>
</tr>
</tbody>
</table>

**Additional information:** Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

---

**4 First-aid measures**

**Description of first aid measures**

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**After skin contact:**
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

**After eye contact:** Rinse cautiously with water for several minutes.
After swallowing:
Rinse mouth.
Do NOT induce vomiting.
Immediately call a doctor.

**Information for doctor:**
Most important symptoms and effects, both acute and delayed
Allergic reactions
Irritating to eyes.

**Indication of any immediate medical attention and special treatment needed** No further relevant information available.

---

**5 Fire-fighting measures**

**Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.

**Additional information** Collect contaminated fire fighting water separately. It must not enter the sewage system.

---

**6 Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

**Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13 of the SDS.

**Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

---

**7 Handling and storage**

**Handling:**

**Precautions for safe handling**
Prevent formation of aerosols.
Avoid contact with skin.
Avoid contact with eyes.

**Information about protection against explosions and fires:** Keep respiratorator available.

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

**Storage:**

**Information about storage in one common storage facility:** Keep respiratorator available.

**Further information about storage conditions:** Keep receptacle tightly sealed.

**Specific end use(s)** No further relevant information available.
8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Component</th>
<th>Control parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8 Diphenylmethane-4,4'-di-isocyanate</td>
<td>PEL (USA): Ceiling limit value: 0.2 mg/m³, 0.02 ppm</td>
</tr>
<tr>
<td></td>
<td>REL (USA): Long-term value: 0.05 mg/m³, 0.005 ppm</td>
</tr>
<tr>
<td></td>
<td>Ceiling limit value: 0.2* mg/m³, 0.02* ppm</td>
</tr>
<tr>
<td></td>
<td>*10-min</td>
</tr>
<tr>
<td></td>
<td>TLV (USA): Long-term value: 0.051 mg/m³, 0.005 ppm</td>
</tr>
</tbody>
</table>

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.

Store protective clothing separately.

Breathing equipment:
Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Protective gloves

Material of gloves Rubber gloves

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:
Safety glasses with side shield protection.

Body protection:
Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid
Color: Light yellow
Odor: Characteristic
Odor threshold: Not determined.

pH-value (~): Not determined.
10 Stability and reactivity

**Reactivity** Stable under normal conditions.

**Chemical stability**

**Thermal decomposition**: No decomposition if used according to specifications.

**Possibility of hazardous reactions** No further relevant information available.

**Conditions to avoid** No further relevant information available.

**Incompatible materials**: No further relevant information available.

**Hazardous decomposition products**: Carbon monoxide and carbon dioxide

11 Toxicological information

**Delayed and immediate effects and chronic effects from short or long term exposure**

May cause damage to organs through prolonged or repeated exposure.

**Information on toxicological effects**

**Acute toxicity**

**LD/LC50 values relevant for classification**

<table>
<thead>
<tr>
<th>101-68-8 Diphenylmethane-4,4'-di-isocyanate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
</tr>
<tr>
<td>Dermal LD50</td>
</tr>
<tr>
<td>Inhalation LC50, 4h</td>
</tr>
</tbody>
</table>
Primary irritant effect:

on the skin: Causes skin irritation.
on the eye: Causes serious eye irritation.
inhalation: Harmful if inhaled.

Ingestion:
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure.

Sensitization:
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.

Additional toxicological information: Suspected of causing cancer.

Carcinogenic categories

<table>
<thead>
<tr>
<th>IARC (International Agency for Research on Cancer) Human Carcinogenicity:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable</td>
<td></td>
</tr>
<tr>
<td>101-68-8 Diphenylmethane-4,4'-di-isocyanate</td>
<td>3</td>
</tr>
</tbody>
</table>

NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods Comply with Federal, State and local regulations.

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
### 14 Transport information

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>DOT, IMDG, IATA</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Class</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Packing group</td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Environmental hazards:</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Transport/Additional information:</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td>Remarks: Not Regulated.</td>
<td></td>
</tr>
<tr>
<td>UN &quot;Model Regulation&quot;:</td>
<td>Not applicable.</td>
<td></td>
</tr>
</tbody>
</table>

### 15 Regulatory information

#### SARA (Superfund Amendments and Reauthorization Act)
- **Section 302/304 (extremely hazardous substances):**
  - None of the ingredients is listed.
- **Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**
  - 101-68-8 | Diphenylmethane-4,4'-di-isocyanate | 20.0%

#### SARA Section 312/Tier I & II Hazard Categories:
- Health Hazard - Carcinogenicity
- Health Hazard - Acute toxicity (any route of exposure)
- Health Hazard - Skin Corrosion or Irritation
- Health Hazard - Respiratory or Skin Sensitization
- Health Hazard - Serious eye damage or eye irritation
- Health Hazard - Specific target organ toxicity (single or repeated exposure)

#### North America Chemical Inventory Status
- **TSCA (Toxic Substances Control Act - United States):**
  - All ingredients are listed or exempt from listing unless otherwise noted below.
- **CEPA (Canadian DSL):**
  - All ingredients are listed or exempt from listing unless otherwise noted below.

#### California Proposition 65
- **Chemicals known to cause cancer:**
  - None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
  - None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**
  - None of the ingredients is listed.
Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

Carcinogenicity Categories

<table>
<thead>
<tr>
<th>Agency</th>
<th>Substance</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EPA</strong> Environmental Protection Agency</td>
<td>Diphenylmethane-4,4’-di-isocyanate</td>
<td>D, CBD</td>
</tr>
<tr>
<td><strong>TLV-ACGIH</strong> (THE American Conference of Governmental Industrial Hygienists)</td>
<td>Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable</td>
<td></td>
</tr>
<tr>
<td><strong>NIOSH-Cancer</strong> (National Institute for Occupational Safety and Health)</td>
<td>None of the ingredients is listed.</td>
<td></td>
</tr>
</tbody>
</table>

Volatile Organic Compounds (VOC) reported per the Emission Standards, 7.6 g/l / 0.06 lb/gl

16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414

Date of preparation / last revision 01/26/2017 / -
The first date of preparation 01/11/2017
Number of revision times and the latest revision date 1.0 / 01/26/2017
Safety Data Sheet

1 Identification

Product identifier

Trade name: **Silcor® 900 MP NA Part B**

SDS ID Number: 2780

Relevant identified uses of the substance or mixture, and uses advised against

Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause damage to organs through prolonged or repeated exposure.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

GHS05  GHS07  GHS08

Danger

Hazard statements
Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements
Wash thoroughly after handling.
Wear eye protection / face protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Trade name: Silcor® 900 MP NA Part B

**43.2.6**

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. If swallowed: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

**Hazard description:** Corrosive

**NFPA ratings (scale 0 - 4)**

- **Health = 3**
- **Fire = 1**
- **Reactivity = 0**

**HMIS-ratings (scale 0 - 4)**

- **HEALTH = *3**
- **Flammability = 1**
- **Reactivity = 0**

**Other hazards**

Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

---

**3 Composition/information on ingredients**

**Chemical characterization:** Mixture

**Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

<table>
<thead>
<tr>
<th>Hazardous components:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9046-10-0 Polyoxypropylene diamine</td>
</tr>
<tr>
<td>68479-98-1 Diethylmethylbenzenediamine</td>
</tr>
</tbody>
</table>

**Additional information:** Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

---

**4 First-aid measures**

**Description of first aid measures**

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**After skin contact:**
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

**After eye contact:** Rinse cautiously with water for several minutes.

**After swallowing:**
Rinse mouth.
Do NOT induce vomiting.
Drink copious amounts of water and provide fresh air. Immediately call a doctor.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed** Harmful if swallowed.

**Indication of any immediate medical attention and special treatment needed** No further relevant information available.
5 Fire-fighting measures

Special hazards arising from the substance or mixture
During heating or in case of fire poisonous gases are produced.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions: Avoid release to the environment.

Methods and material for containment and cleaning up:
Use neutralizing agent.
Dispose contaminated material as waste according to section 13 of the SDS.

Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling:
Precautions for safe handling
Risk of serious damage to eyes.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Keep only in original container.
Prevent formation of aerosols.

Information about protection against explosions and fires: Keep respiratorator available.

Conditions for safe storage, including any incompatibilities
Storage: Reacts with water.

Information about storage in one common storage facility: Keep respiratorator available.

Further information about storage conditions:
Store in a dry place.
Keep receptacle tightly sealed.
Protect from frost.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.
Control parameters

Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.

Store protective clothing separately.

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Protective gloves

Material of gloves
PVC or neoprene gloves.

Nitrile rubber.

Eye protection:

Safety glasses with side shield protection.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
</tr>
<tr>
<td>Form: Liquid</td>
</tr>
<tr>
<td>Color: Light yellow</td>
</tr>
<tr>
<td>Odor: Musty</td>
</tr>
<tr>
<td>Odor threshold:</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
<tr>
<td>pH-value (~):</td>
</tr>
<tr>
<td>Not determined.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Change in condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range: &gt;300 °C (&gt;572 °F)</td>
</tr>
<tr>
<td>Flash point: &gt;100 °C (&gt;212 °F)</td>
</tr>
</tbody>
</table>

| Flammability (solid, gaseous): |
| Not applicable. |

| Decomposition temperature: |
| Not determined. |

| Auto igniting: |
| Product is not selfigniting. |

| Danger of explosion: |
| Product does not present an explosion hazard. |

| Explosion limits: |
| Lower: |
| Not determined. |
Trade name: *Silcor® 900 MP NA Part B*

43.2.6

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper</td>
<td>Not determined.</td>
</tr>
<tr>
<td>VOC Content (max)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Density: (-) at 20 °C (68 °F)</td>
<td>1.1 g/cm³ (9.18 lbs/gal)</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility in / Miscibility with Water</td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
</tr>
<tr>
<td>Dynamic at 20 °C (68 °F):</td>
<td>775 mPas</td>
</tr>
<tr>
<td>Kinematic</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Other information</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>

10 Stability and reactivity

**Reactivity**  Stable under normal conditions.

**Chemical stability**

**Thermal decomposition:** No decomposition if used according to specifications.

**Possibility of hazardous reactions**

Reacts with water.

Reacts with oxidizing agents.

**Conditions to avoid**  No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

**Delayed and immediate effects and chronic effects from short or long term exposure**

May cause damage to organs through prolonged or repeated exposure.

**Information on toxicological effects**

**Acute toxicity:**

<table>
<thead>
<tr>
<th>LD/LC50 values relevant for classification:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9046-10-0 Polyoxypolyethylene diamine</td>
</tr>
<tr>
<td>Oral LD50</td>
</tr>
<tr>
<td>68479-98-1 Diethylmethylbenzenediamine</td>
</tr>
<tr>
<td>Oral LD50</td>
</tr>
<tr>
<td>Dermal LD50</td>
</tr>
<tr>
<td>LD50</td>
</tr>
<tr>
<td>LC50, 48h</td>
</tr>
<tr>
<td>64742-95-6 Solvent naphtha (petroleum), light aromatic</td>
</tr>
<tr>
<td>LC50, 96h</td>
</tr>
</tbody>
</table>

**Primary irritant effect:**

**on the skin:** Causes severe skin burns and eye damage.

(Cont. from page 4)
on the eye: Causes serious eye damage.
inhalation: No irritating effect expected
Ingestion:
May cause damage to organs through prolonged or repeated exposure.
Harmful if swallowed.

Additional toxicological information:

Carcinogenic categories

| IARC (International Agency for Research on Cancer) Human Carcinogenicity: |
|-----------------------------|-----------------------------|
| Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable |
| 1330-20-7 Xylene            | 3                           |
| 100-41-4 Ethylbenzene       | 2B                          |

NTP (National Toxicology Program)
K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic
None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity:

<table>
<thead>
<tr>
<th>68479-98-1 Diethylmethylbenzenediamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC10, 16h 170 mg/l (pseudomonas putida) (DIN 38412 Part 8)</td>
</tr>
<tr>
<td>EC50, 72h &lt;1 mg/l (fish)</td>
</tr>
<tr>
<td>EC50, 48h &lt;1 mg/l (daphnia magna) (OECD Test Guideline 202)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>64742-95-6 Solvent naphtha (petroleum), light aromatic</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50, 72h 2.6 mg/l (algae) (OECD 201)</td>
</tr>
<tr>
<td>EC50, 48h 3.2 mg/l (daphnia magna) (OECD 202)</td>
</tr>
</tbody>
</table>

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Waste treatment methods Comply with Federal, State and local regulations.


**Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>DOT, IMDG, IATA</th>
<th>UN1760</th>
</tr>
</thead>
</table>

**UN proper shipping name**

<table>
<thead>
<tr>
<th>DOT</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrosive liquids, n.o.s. (Polyoxypropylene diamine)</td>
<td>CORROSIVE LIQUID, N.O.S. (Polyoxypropylene diamine, Diethylmethylbenzenediamine), MARINE POLLUTANT</td>
<td>CORROSIVE LIQUID, N.O.S. (Polyoxypropylene diamine)</td>
</tr>
</tbody>
</table>

**Transport hazard class(es)**

- **DOT**
  - Class: 8 Corrosive substances
  - Label: 8

- **IMDG**
  - Class: 8 Corrosive substances
  - Label: 8

- **IATA**
  - Class: 8 Corrosive substances
  - Label: 8

**Packing group**

<table>
<thead>
<tr>
<th>DOT, IMDG, IATA</th>
<th>III</th>
</tr>
</thead>
</table>

**Environmental hazards:**

Product contains environmentally hazardous substances: Diethylmethylbenzenediamine

**Marine pollutant:**

Symbol (fish and tree)

**Special marking (ADR):**

Symbol (fish and tree)

**Special precautions for user**

Warning: Corrosive substances

**Danger code (Kemler):**

80

**EMS Number:**

F-A,S-B

**Segregation groups**

Alkalis

**Stowage Category**

A
Trade name: Silcor® 900 MP NA Part B

Stowage Code: SW2 Clear of living quarters.

Transport/Additional information:

IMDG
Limited quantities (LQ): 5L
Excepted quantities (EQ): Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN 1760 CORROSIVE LIQUIDS, N.O.S. (POLYOXYPROPYLENE DIAMINE), 8, III, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

SARA (Superfund Amendments and Reauthorization Act)
Section 302/304 (extremely hazardous substances):
None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):
None of the ingredients is listed.

SARA Section 312/Tier I & II Hazard Categories:
Health Hazard - Acute toxicity (any route of exposure)
Health Hazard - Skin Corrosion or Irritation
Health Hazard - Serious eye damage or eye irritation
Health Hazard - Specific target organ toxicity (single or repeated exposure)

North America Chemical Inventory Status
TSCA (Toxic Substances Control Act - United States):
All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):
All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure:
25322-69-4 Polypropylene glycol
Pigment paste/Disperhic PU 7038

California Proposition 65
Chemicals known to cause cancer:
Ethylbenzene

Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

Carcinogenicity Categories
EPA (Environmental Protection Agency)
1330-20-7 Xylene I
100-41-4 Ethylbenzene D

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)
Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable
None of the ingredients is listed.

NIOSH-Cancer (National Institute for Occupational Safety and Health)
None of the ingredients is listed.
16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414

Date of preparation / last revision 01/26/2017 / -
The first date of preparation 01/11/2017
Number of revision times and the latest revision date 1.0 / 01/26/2017

Volatile Organic Compounds (VOC) reported per the Emission Standards. 7.6 g/l / 0.06 lb/gl