

# Safety Data Sheet

Printing date 01/26/2017

Version Number 1.0

Reviewed on 01/26/2017

## 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.

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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.

**Hazardous components:**

9046-10-0	Polyoxypropylene diamine	50-100%
68479-98-1	Diethylmethylbenzenediamine	25-30%

**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.

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## 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.

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## 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

#### General Information

##### Appearance:

<b>Form:</b>	Liquid
<b>Color:</b>	Light yellow
<b>Odor:</b>	Musty.
<b>Odor threshold:</b>	Not determined.

**pH-value (~):** Not determined.

#### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	>300 °C (>572 °F)
<b>Flash point:</b>	>100 °C (>212 °F)

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

<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.

#### Explosion limits:

**Lower:** Not determined.

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<b>Upper: VOC Content (max):</b>	Not determined. Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Density: (~) at 20 °C (68 °F)</b>	1.1 g/cm <sup>3</sup> (9.18 lbs/gal)
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic at 20 °C (68 °F):</b>	775 mPas
<b>Kinematic:</b>	Not determined.
<b>Molecular weight</b>	Not applicable.
<b>Other information</b>	No further relevant information available.

## 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:**

**LD/LC50 values relevant for classification:**

**9046-10-0 Polyoxypropylene diamine**

Oral	LD50	480 mg/kg (rat)
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**68479-98-1 Diethylmethylbenzenediamine**

Oral	LD50	738 mg/kg (rat) (OECD Test Guideline 401)
Dermal	LD50	738 mg/kg (rat)
	LD50	>2000 mg/kg (rat) (OCED Test Guideline 402)
	LC50, 48h	738 mg/kg (fish)

**64742-95-6 Solvent naphtha (petroleum), light aromatic**

	LC50, 96h	9.2 mg/l (fish) (OECD 203)
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**Primary irritant effect:**

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

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**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:****68479-98-1 Diethylmethylenediamine**

EC10, 16h | 170 mg/l (pseudomonas putida) (DIN 38412 Part 8)

EC50, 72h | &lt;1 mg/l (fish)

EC50, 48h | &lt;1 mg/l (daphnia magna) (OECD Test Guideline 202)

**64742-95-6 Solvent naphtha (petroleum), light aromatic**

EC50, 72h | 2.6 mg/l (algae) (OECD 201)

EC50, 48h | 3.2 mg/l (daphnia magna) (OECD 202)

**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.

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**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

**UN-Number**

DOT, IMDG, IATA UN1760

**UN proper shipping name**

DOT Corrosive liquids, n.o.s. (Polyoxypropylene diamine)  
 IMDG CORROSIVE LIQUID, N.O.S. (Polyoxypropylene diamine, Diethylmethylbenzenediamine),  
 MARINE POLLUTANT  
 IATA CORROSIVE LIQUID, N.O.S. (Polyoxypropylene diamine)

**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**

DOT, IMDG, IATA III

**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

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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.

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**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

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