1 Identification

Product identifier

Trade name: Preprufe SCS Hydrophilic Grout Part A Activator

SDS ID Number: 46306

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

Causes skin irritation.
Causes serious eye damage.
May cause damage to the kidneys, the liver and the blood through prolonged or repeated exposure. Route of exposure: Oral.

Label elements:

Hazard pictograms

Danger

Hazard statements

Causes skin irritation.
Causes serious eye damage.
May cause damage to the kidneys, the liver and the blood through prolonged or repeated exposure. Route of exposure: Oral.

Precautionary statements

Wear protective gloves / eye protection / face protection.
Wash thoroughly after handling.
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 skin irritation occurs: Get medical advice/attention.
Trade name: **Preprufe SCS Hydrophilic Grout Part A Activator**

Immediately call a POISON CENTER/doctor. Get medical advice/attention if you feel unwell. Dispose of contents/container in accordance with local/regional/national/international regulations.

NFPA ratings (scale 0 - 4)

- Health = 2
- Fire = 1
- Reactivity = 0

HMIS-ratings (scale 0 - 4)

- HEALTH = *2
- FIRE = 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>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>102-71-6 Triethanolamine</td>
<td>50-100%</td>
</tr>
<tr>
<td>111-42-2 Diethanolamine</td>
<td>10-20%</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:**
  Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

- **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 opened eye for several minutes under running water.
  Rinse cautiously with water for several minutes.

- **After swallowing:**
  Rinse mouth.
  Do NOT induce vomiting.
  Never give anything by mouth to an unconscious person.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed** No further relevant information available.
5 Fire-fighting measures

Special hazards arising from the substance or mixture: No further relevant information available.

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.

Methods and material for containment and cleaning up:
Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.
Sweep up spilled product into receptacles.
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.
Open and handle receptacle with care.
Prevent formation of aerosols.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities:
Storage:
Information about storage in one common storage facility: No special measures required.
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:
102-71-6 Triethanolamine

TLV (USA) Long-term value: 5 mg/m³
### Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

**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:** Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

**Material of gloves** Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

**Eye protection:**

Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

A face shield should also be worn if there is potential exposure to splash or spray.

**Body protection:**

Protective work clothing

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>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Information</strong></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Form:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color:</td>
<td>According to product specification</td>
</tr>
<tr>
<td>Odor:</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH-value (-):</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Change in condition</td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range:</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range:</td>
<td>310 °C (590 °F)</td>
</tr>
<tr>
<td>Flash point:</td>
<td>176 °C (349 °F)</td>
</tr>
</tbody>
</table>
**Trade name: Preprufe SCS Hydrophilic Grout Part A Activator**

**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

**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.

---

**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:**

102-71-6 Triethanolamine

<table>
<thead>
<tr>
<th>Route</th>
<th>LD/LC50</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>LD50</td>
<td>5300 mg/kg (guinea pig)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6400 mg/kg (rat - male)</td>
</tr>
<tr>
<td>Dermal</td>
<td>LD50</td>
<td>&gt;10000 mg/kg (rabbit)</td>
</tr>
<tr>
<td></td>
<td>LC50, 96h</td>
<td>11800 mg/l (fish)</td>
</tr>
</tbody>
</table>
Trade name: Preprufe SCS Hydrophilic Grout Part A Activator

<table>
<thead>
<tr>
<th>111-42-2 Diethanolamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
</tr>
<tr>
<td>710 mg/kg (rat)</td>
</tr>
</tbody>
</table>

Primary irritant effect:
**on the skin:** Causes skin irritation.
**on the eye:** Causes serious eye damage.
**inhalation:** No irritating effect expected
**Ingestion:**
May cause damage to the kidneys, the liver and the blood through prolonged or repeated exposure. Route of exposure: Oral.

### Additional toxicological information:

<table>
<thead>
<tr>
<th>102-71-6 Triethanolamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOEC/NOEL 16 mg/l (crustaceans) (Chronic NOEC)</td>
</tr>
</tbody>
</table>

### Carcinogenic categories

**IARC (International Agency for Research on Cancer) Human Carcinogenicity:**
- Group 1- Positive
- Group 2A- Probable
- Group 2B- Possible
- Group 3- Not Classifiable

<table>
<thead>
<tr>
<th>102-71-6 Triethanolamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>111-42-2 Diethanolamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>2B</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:**

<table>
<thead>
<tr>
<th>102-71-6 Triethanolamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50, 72h 512 mg/l (algae)</td>
</tr>
<tr>
<td>EC50, 48h 609.88 mg/l (daphnia magna)</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:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

### 13 Disposal considerations

**Disposal methods:**
Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.
**Recommendation:**

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

**Uncleaned packagings:**

**Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.

### 14 Transport information

<table>
<thead>
<tr>
<th><strong>UN-Number</strong></th>
<th>DOT, IMDG, IATA</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN proper shipping name</strong></td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Transport hazard class(es)</strong></td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Packing group</strong></td>
<td>DOT, IMDG, IATA</td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Environmental hazards:</strong></td>
<td>Marine pollutant:</td>
<td>No</td>
</tr>
<tr>
<td><strong>Special precautions for user</strong></td>
<td></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Transport/Additional information:</strong></td>
<td></td>
<td>Not classified as a dangerous good for transport by road, rail or air.</td>
</tr>
<tr>
<td><strong>DOT Remarks:</strong></td>
<td></td>
<td>Not Regulated.</td>
</tr>
<tr>
<td><strong>UN &quot;Model Regulation&quot;:</strong></td>
<td></td>
<td>Not applicable.</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):**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-42-2 Diethanolamine</td>
<td>17.4%</td>
</tr>
</tbody>
</table>

**SARA Section 312/Tier I & II Hazard Categories:**

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:**

68953-70-8 Oxirane, reaction products with ammonia, distillation residues
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

EPA (Environmental Protection Agency)
None of the ingredients is listed.

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)
Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable
Triethanolamine [A3]

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

Volatile Organic Compounds (VOC) reported per the Emission Standards.
If no g/L value is provided this product is not subject to above standard.

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 03/29/2017 / -
The first date of preparation 06/02/2008
Number of revision times and the latest revision date 1.0 / 03/29/2017
1 Identification

Product identifier

Trade name: *Preprufe SCS Hydrophilic Grout Part B Activator*

SDS ID Number: 46307

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

May intensify fire; oxidizer.
Toxic if swallowed.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.

Label elements:

Hazard pictograms

<table>
<thead>
<tr>
<th>GHS03</th>
<th>GHS06</th>
<th>GHS08</th>
</tr>
</thead>
</table>

Danger

Hazard statements

May intensify fire; oxidizer.
Toxic if swallowed.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.

Precautionary statements

Take any precaution to avoid mixing with combustibles.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection.
Keep away from heat.
[In case of inadequate ventilation] wear respiratory protection.
Keep/Store away from clothing/combustible materials.
IF SWALLOWED: Immediately call a POISON CENTER/doctor.
IF ON SKIN: Wash with plenty of water.
NFPA ratings (scale 0 - 4)

Health = 1  Fire = 3  Reactivity = 0

The substance possesses oxidizing properties.

HMIS-ratings (scale 0 - 4)

HEALTH 1
Health = *1

FIRE 3
Flammability = 3

REACTIVITY 0
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>7775-27-1 disodium peroxodisulphate</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:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**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 opened eye for several minutes under running water.
Rinse cautiously with water for several minutes.

**After swallowing:**
Do NOT induce vomiting.
Immediately call a doctor.
Never give anything by mouth to an unconscious person.

**Information for doctor:**
Most important symptoms and effects, both acute and delayed Harmful if swallowed.
Trade name: Preprufe SCS Hydrophilic Grout Part B Activator

5 Fire-fighting measures

Special hazards arising from the substance or mixture No further relevant information available.

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.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

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

Open and handle receptacle with care.

Do not breathe dust.

Prevent formation of dust.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Information about storage in one common storage facility: No special measures required.

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

<table>
<thead>
<tr>
<th>Components with limit values that require monitoring at the workplace:</th>
</tr>
</thead>
<tbody>
<tr>
<td>7775-27-1 disodium peroxodisulphate</td>
</tr>
<tr>
<td>TLV (USA) Long-term value: 0.1 mg/m³ as Persulfates</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:

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

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: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Eye protection:

Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Protective work clothing

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>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td></td>
</tr>
<tr>
<td>Form: Powder</td>
<td></td>
</tr>
<tr>
<td>Color: Colorless</td>
<td></td>
</tr>
<tr>
<td>Odor: Pungent</td>
<td></td>
</tr>
<tr>
<td>Odor threshold: Not determined</td>
<td></td>
</tr>
<tr>
<td>pH-value (-) at 20 °C (68 °F): 6</td>
<td></td>
</tr>
<tr>
<td>Change in condition</td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Boiling point/Boiling range: Undetermined.</td>
<td></td>
</tr>
<tr>
<td>Flash point: Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gaseous): Contact with combustible material may cause fire.</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Auto igniting: Product is not self-igniting.</td>
<td></td>
</tr>
<tr>
<td>Danger of explosion: Not determined.</td>
<td></td>
</tr>
</tbody>
</table>
**Trade name: Preprufe SCS Hydrophilic Grout Part B Activator**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosion limits:</td>
<td></td>
</tr>
<tr>
<td>Lower:</td>
<td>Not determined.</td>
</tr>
<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 applicable.</td>
</tr>
<tr>
<td>Density: (~) at 20 °C (68 °F)</td>
<td>2.6 g/cm³ (21.697 lbs/gal)</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable.</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:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Kinematic:</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>238.09 g/mol</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**: 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
- **Additional information**: See section 7 for information on handling, storage and conditions to be avoided.

11 **Toxicological information**

- **Information on toxicological effects**
  - **Acute toxicity**: Not determined.
  - **Primary irritant effect**:
    - on the skin: No irritating effect expected
    - on the eye: No irritating effect expected
    - inhalation: No irritating effect expected
    - ingestion: Toxic if swallowed.
  - **Sensitization**: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  - **Additional toxicological information**: Toxic
Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity:
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

None of the ingredients is listed.

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: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

Other adverse effects No further relevant information available.

13 Disposal considerations

Disposal methods:
Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

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

Uncleaned packagings:
Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

UN-Number
DOT, IMDG, IATA
UN1505

UN proper shipping name
DOT Sodium persulfate
### IMDG, IATA

<table>
<thead>
<tr>
<th><strong>Transport hazard class(es)</strong></th>
<th>SODIUM PERSULPHATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>5.1 Oxidizing substances</td>
</tr>
<tr>
<td>IMDG</td>
<td>5.1</td>
</tr>
</tbody>
</table>

### Special precautions for user
- **Warning:** Oxidizing substances
- **Danger code (Kemler):** 50
- **EMS Number:** F-A,S-Q

### Transport/Additional information
- Not classified as a dangerous good for transport by road, rail or air.

#### IMDG
- **Limited quantities (LQ):** 5 kg
- **Excepted quantities (EQ):** Code: E1
  - Maximum net quantity per inner packaging: 30 g
  - Maximum net quantity per outer packaging: 1000 g

#### UN "Model Regulation"
- UN1505, Sodium persulfate, 5.1, III

## 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:
- Physical Hazard - Oxidizer (solid, liquid, or gas)
- Health Hazard - Acute toxicity (any route of exposure)
- Health Hazard - Respiratory or Skin Sensitization

### 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.
44.3.3 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

EPA (Environmental Protection Agency)
None of the ingredients is listed.

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.

Volatile Organic Compounds (VOC) reported per the Emission Standards.
If no g/L value is provided this product is not subject to above standard.

*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 03/29/2017 / -

The first date of preparation 01/07/2011

Number of revision times and the latest revision date 1.0 / 03/29/2017