

USG Super Polycarboxylate

SECTION 1. IDENTIFICATION

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|--------------------------------------|---|
| Product Identifier | USG Super Polycarboxylate |
| Other Means of Identification | Super P Plasticizer |
| Recommended Use | Industrial Use Only. |
| Restrictions on Use | Not known. |
| Manufacturer/Supplier | Avanti International, 822 Bay Star Blvd, Webster, TX, 77598, USA, 281.486.5600, |
| Emergency Phone No. | ChemTrec 800.424.9300 |
| Date of Preparation | May 17, 2018 |
| Date of Last Revision | May 22, 2023 |

SECTION 2. HAZARD IDENTIFICATION

Classification: Classified according to US Hazard Communication Standard (HCS 2012) and Canada's Hazardous Products Regulations (WHMIS 2015). Not classified under any hazard class.

Label Elements

| | |
|--------------------|------|
| Hazard pictogram: | None |
| Signal word: | None |
| Hazard statements: | None |

Precautionary Statements

| | |
|-------------|------|
| General: | None |
| Prevention: | None |
| Response: | None |
| Storage: | None |
| Disposal: | None |

Other Hazards

Other hazards: Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | % |
|---|--------------|--------------|
| Methacrylate/polyethylene glycol copolymer, sodium salt | Confidential | Confidential |
| Silica, Amorphous | 7631-86-9 | Confidential |
| Mixture of POE fatty esters/POE alkylether | Confidential | Confidential |

SECTION 4. FIRST AID MEASURES

First Aid Measures

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| General advice: | Get medical advice or attention if you feel unwell or are concerned. |
| Eye contact: | Rinse the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes, while holding the eyelid(s) open. |

Skin contact: Rinse with lukewarm, gently flowing water for 5 minutes.
Inhalation: Get medical advice or attention if you feel unwell or are concerned.
Ingestion: Rinse mouth with water. Get immediately medical advice or attention.

Most Important Symptoms and Effects, Acute and Delayed

None known

Immediate Medical Attention and Special Treatment

Special instructions Not applicable
Medical Conditions None known
Aggravated by Exposure

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Not combustible. Use extinguishing agent suitable for surrounding fire.
Unsuitable: Not applicable.

Specific Hazards Arising from the Product

Flammability classification: Does not burn. Upon decomposition, very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Firefighters

Protective equipment: Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

Special firefighting procedures: No special precautions are necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Non-emergency personnel: No special precautions are necessary.
Emergency personnel: No special precautions are necessary.
Environmental precautions: It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Small Spills Stop leak if possible to do so without risk. Move containers from spill area. Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by flushing contaminated surface with water and dispose of according to local and regional authority requirements.
Large Spills Stop leak if possible to do so without risk. Clean up large spills with pump or vacuum truck. Finish cleaning by flushing contaminated surface with water and dispose of according to local and regional authority requirements.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Wear appropriate personal protective equipment. Eating, drinking, and smoking should not be allowed in areas where this material is being handled, stored, and processed. Use with appropriate ventilation. General hygiene considerations: it is good practice to avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for safe storage: Keep the container tightly closed and in a cool, well-ventilated area. Do not store this material in open or unlabeled containers. Store in accordance with local regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| Control Parameters | ACGIH TLV® | | OSHA PEL | | AIHA WEEL | |
|--------------------------------------|----------------------|------|---------------------|------|-----------|-----|
| | TWA | STEL | TWA | STEL | 8-hr TWA | TWA |
| Chemical Name | | | | | | |
| Particulates not otherwise regulated | 10 mg/m ³ | N/A | 5 mg/m ³ | N/A | N/A | N/A |

Appropriate engineering controls: General ventilation is usually adequate.

Individual Protection Measures

Eyes/face protection: Wear chemical safety goggles.

Skin/hand protection: Use impervious gloves.

Body protection: Not required but it is good practice to use protective clothing.

Respiratory protection: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever there may be potential for airborne exposure.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish brown solid

Odor: Not available

Odor threshold: Not available

pH: 6 – 8 (5% solution)

Melting/freezing point: Not available (melting); Not available (freezing)

Initial boiling point and boiling range: Not available

Flash point: Not available

Flash point method: Not available

Evaporation rate: Not available

Flammability (solid, gas): Not available

Upper/lower flammability or explosive limits: Not available (upper); Not available (lower)

Vapor pressure: Not available

Vapor density: Not available

Relative density: 0.57 g/ml @ 25°C (water = 1)

Solubility: In water

Partition coefficient n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available (kinematic); Not available (dynamic)

SECTION 10. STABILITY AND REACTIVITY

| | |
|-------------------------------------|-----------------|
| Reactivity: | None known |
| Chemical stability: | Normally stable |
| Possibility of hazardous reactions: | None known |
| Conditions to avoid: | None known |
| Incompatible materials: | None known |
| Hazardous decomposition products: | None known |

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Routes of entry for solids and liquids include eye and skin contact and inhalation.

| Chemical Name | Data | Agency | List |
|-------------------|---|--------|--|
| Silica, amorphous | Monograph 68 [1997]; Supplement 7[1987]; | IARC | Group 3 Not Classifiable as Carcinogens |

| | |
|-----------------------------------|--|
| Inhalation | May cause slight irritation to the respiratory system |
| Skin corrosion or irritation: | Not expected to be a primary skin irritant |
| Serious eye damage or irritation: | May cause slight eye irritation. |
| Respiratory sensitization: | No information was located. |
| Skin sensitization: | |
| Germ cell mutation: | No information was located. |
| Carcinogenicity: | None of the components of this product are listed on the OSHA Possible or Select Carcinogens Lists. None of the components of this product are listed on the ACGIH Carcinogens List. None of the components of this product are listed on the NTP Known or Suspected Carcinogens List. |
| Reproductive toxicity: | Development of Offspring: no information was located Sexual Function and Fertility: no information was located Effects on or via Lactation: no information was located. |
| Aspiration hazard: | No information was located. |

Specific Target Organ Toxicity

| | |
|--------------------|-----------------------------|
| Single exposure: | No information was located. |
| Repeated exposure: | No information was located. |

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity Data

No information was located.

| | |
|--------------------------------|-----------------------------|
| Persistence and degradability: | No information was located. |
| Bioaccumulative potential: | No information was located. |
| Mobility in soil: | No information was located. |

Other adverse effects: No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods: Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. **CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.**

Disposal of empty containers: Emptied containers retain product residue. Disposal of empty containers should comply with the requirements of environmental protection, waste disposal legislation and any federal, state, regional and local authority requirements.

Waste classification: It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

Consult your local or regional authorities.

Refer to section 7 for handling precautions and to section 8 for information on personal protective equipment.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information

Not regulated under US DOT Regulations.

| | UN No. | Proper Shipping Name | Transport Class | Packing Group |
|------|---------------|----------------------|-----------------|---------------|
| DOT | Not regulated | Not applicable | - | - |
| TDG | Not regulated | Not applicable | - | - |
| IMDG | Not regulated | Not applicable | - | - |
| IATA | Not regulated | Not applicable | - | - |

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

United States

TSCA 8(B) inventory: All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

Canada

CEPA DSL: All ingredients are listed on the DSL or are not required to be listed.

SECTION 16. OTHER INFORMATION

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|------------------------|----------------------|---|-----------------|
| NFPA Rating: | Health - 1 | Flammability - 1 | Instability - 0 |
| SDS Prepared By: | Avanti International | | |
| Date of Preparation: | May 17, 2018 | | |
| Date of Last Revision: | May 22, 2023 | | |
| Revision Indicators: | Not applicable | | |
| Key to Abbreviations: | ACGIH® | American Conference of Governmental Industrial Hygienists | |
| | NFPA | National Fire Protection Association | |
| | NIOSH | National Institute for Occupational Safety and Health | |
| | OSHA | US Occupational Safety and Health Administration | |
| | RTECS® | Registry of Toxic Effects of Chemical Substances | |