

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product Identifier**

Product name: TASK® - Sweep Efficiency Agent

Product code: S-MC-T, S-MC-D

1.2. Intended Use of the Product

Use of the substance/preparation: Soil and groundwater remediation

1.3. Name, Address, And Telephone of The Responsible Party Operations1116 Colonial Club Rd
Wake Forest, NC 27587
(919) 453-5577
www.tersusenv.com**1.4. Emergency telephone number**

Emergency number: +1(919) 638-7892

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (GHS-US)**

The substance is not classified according to the Global Harmonized System.

2.2. Label elements**Classification (GHS-US)**

Signal word (GHS-US): Non-Regulated Material

Hazard statements (GHS-US): Non-Regulated Material

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Name	Product identifier (CAS No.)	%
Water	7732-18-5	Proprietary*
Xanthan Gum	11138-66-2	Proprietary*
Benzoic Acid	65-85-0	<0.1%
Acetic Acid	64-19-7	<0.1%

*The specific chemical concentration is being withheld as a trade secret

SECTION 4: First aid measures**4.1. 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: When symptoms occur: go into open air and ventilate suspected area.

First-aid measures after skin contact: Rinse with plenty of water.

First-aid measures after eye contact: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation: Not expected to present a significant hazard.

Symptoms/injuries after skin contact: May cause irritation in skin folds or by contact in combination with tight clothing.

Symptoms/injuries after eye contact: This product may cause minor eye irritation.

Symptoms/injuries after ingestion: None under normal use.

4.3 Indication of any immediate medical attention and special treatment needed No additional information available

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media: No additional information available.

5.2 Special hazards arising from the substance or mixture

Fire hazard: No additional information available.

Explosion hazard: No additional information available.

Reactivity: Stable at ambient temperature and under normal conditions of use.

5.3 Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Do not allow run-off from firefighting to enter drains or water courses.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

General measures: Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling, and use of this material. May cause slippery surfaces if spilled.

6.1.1. For non-emergency personnel

Protective equipment: Use appropriate personal protection equipment (PPE).

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Collect spillage. Practice good housekeeping - spillage can be slippery on smooth surface

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety procedures.

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Direct sunlight. Heat sources. Keep container closed when not in use. Protect from moisture.

Incompatible products: Strong bases. Strong acids.

7.3. Specific end use(s) Emulsifying, Gelling, Stabilizing and Thickening Agent**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

No data available

8.2. Exposure controls

Appropriate engineering controls: Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed.

Personal protective equipment: Gloves. Protective goggles.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: No information available.

Other information: When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance: Characteristic, gel fluid

Odor: Odorless

Odor threshold: No data available

pH: No data available

Relative evaporation rate (butyl acetate=1): No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash Point: No data available

Auto-ignition temperature: No data available

Decomposition Temperature: No data available

Flammability (solid, gas): No data available

Vapor pressure: No data available

Relative vapor density at 20 °C: No data available

Relative density: No data available

Solubility: No data available

Log Pow: Soluble in water.

Log Kow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Explosive limits: No data available

9.2. Other information No additional information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable at ambient temperature and under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under conditions of fire this material may produce: Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Hazardous decomposition products

Xanthan Gum (11138-66-2)

Toxicity to Animals Acute Oral Toxicity LD50(Rat) 45,000 mg/kg

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: Prolonged inhalation of dust may cause minor respiratory irritation.

Symptoms/injuries after skin contact: Dust may cause minor irritation in skin folds or by contact in combination with tight clothing.

Symptoms/injuries after eye contact: Dust from this product may cause minor eye irritation.

Symptoms/injuries after ingestion: None under normal use.

SECTION 12: Ecological information

12.1. Toxicity No additional information available

12.2.

XANT PH-RAPID-3

Persistence and degradability Not established.

XANT PH-RAPID-3

Bioaccumulative potential Not established.

12.4. Mobility in soil No additional information available

12.5. Other adverse effects

Other information: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: Transport information

In accordance with ICAO/IATA/DOT/TDG

14.1. UN number Not applicable

14.2. UN proper shipping name Not regulated for transport.

14.3. Additional information

Other information: No supplementary information available.

Overland transport Not regulated for transport.

Transport by sea Not regulated for transport.

Air transport Not regulated for transport.

SECTION 15: Regulatory information**15.1. US Federal regulations**

Xanthan Gum (11138-66-2)

TSCA 8(b) inventory: Xanthan gum

15.2. International regulations**15.3. US State regulations****SECTION 16: Other information**

Data sources: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.