

SAFETY DATA SHEET

Revision date 2024-Jan-10

Revision number 1.01

1. IDENTIFICATION

Product identifier

Product name GEOwet WL

Other means of identification

Product code 9146A**Synonyms** Alkyl Naphthalene Sulfonate, Sodium Salt

Recommended use of the chemical and restrictions on use

Recommended use [RU] No information available**Uses advised against** None known

Details of the supplier of the safety data sheet

Supplier GEO Specialty Chemicals, Inc.
701 Wissahickon Avenue
Cedartown, GA 30125
+1-770-748-1200
Hours: Monday-Friday 9:00-5:00 EST (Eastern Standard Time)

Contact Point safety-data-sheet-fp@geosc.com

Emergency telephone number

24 Hour Emergency Phone Number CHEMTREC: (800) 424-9300
Outside USA - +1 (703) 527-3887 collect calls accepted

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health

Physical state liquid	Color amber	Appearance clear	Odor bland
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GHS Label elements, including precautionary statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Other information

- Causes mild skin irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%	TRADE SECRET
Butylnaphthalene Sulfonic Acid, Sodium Salt	25638-17-9	30 - 40%	*
Sodium Sulfate	7757-82-6	< 10%	*
Dibutyl naphthalene Sulfonic Acid, Sodium Salt	25417-20-3	< 7%	*
Water	7732-18-5	55 - 60%	*

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

*The exact percentage (concentration) of composition has been withheld as a trade secret While some substances are claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document

4. FIRST AID MEASURES**Description of first aid measures****Eye contact**

Remove contact lenses, if worn. Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire surface. Washing within one minute is essential to achieve maximum effectiveness. Get medical attention if irritation develops and persists.

Skin contact

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Ingestion

Do NOT induce vomiting. If vomiting should occur spontaneously, keep airway clear. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

Most important symptoms and effects, both acute and delayed**Acute effects**

May cause mild skin, eye, and respiratory tract irritation.

Chronic effects

None known.

Aggravated Medical Conditions

Existing skin, eye and lung conditions.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media**Suitable extinguishing media**

Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons

No information available.

Special hazards arising from the substance or mixture**Special Hazard**

Slippery, can cause falls if walked on.

Advice for firefighters**Firefighting measures**

Cool exposed containers with water spray after extinguishing fire.

Special protective equipment for firefighters

Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.

Explosion data**Sensitivity to Mechanical Impact**

None.

Sensitivity to Static Discharge

None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures**Personal precautions**

Wear suitable protective clothing and gloves.

Environmental precautions**Environmental precautions**

Do not permit run-off to get into sewers or surface waterways.

Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Clear spills immediately. Clean up large spills with vacuum truck. Soak up small spills with absorbent material. Place in labeled waste container for disposal. Spills of solution are extremely slippery so all residue must be removed promptly. Provide adequate ventilation to spill area.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Keep container closed when not in use

Mix well before using.

Avoid contact with eyes, skin and clothing

Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing.
Wash thoroughly after handling
Avoid breathing vapors, mist or gas.
Use with adequate ventilation and employ respiratory protection where mist or spray may be generated.
Do not take internally
FOR INDUSTRIAL USE ONLY.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Mix thoroughly before use.
Do not store below 50° F (10° C).
Protect from freezing in storage and transit.

Incompatible products

Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering controls

Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.

Individual protection measures, such as personal protective equipment

Eye/face Protection

Wear chemical splash goggles and face shield (when eye and face contact is possible due to splashing or spraying of material).

Hand Protection

Appropriate chemical resistant gloves should be worn

Skin and body protection

Standard work clothing and work shoes.

Respiratory protection

If exposures exceed the PEL or TLV, use NIOSH/MSHA approved respirator in accordance with OSHA Respiratory Protection Requirements under 29 CFR 1910.134. If there are no applicable or established exposure limit requirements or guidelines, general ventilation should be sufficient.

Other personal protection data

Eyewash fountains and safety showers must be easily accessible.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	liquid
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Color amber
Appearance clear
Odor bland
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	7.5 - 9.0	as is
Melting / freezing point	< 0 °C / < 32 °F	No information available
Boiling point / boiling range	> 100 °C / > 212 °F	No information available
Flash point	> 100 °C / > 212 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate	No information available	No information available
Flammability (solid, gas)	Not applicable	No information available
Flammability Limit in Air		
Upper flammability limit	No information available	No information available
Lower flammability limit	No information available	No information available
Vapor pressure	No information available	No information available
Vapor density	No information available	No information available
Specific gravity	1.16	No information available
Solubility (water)	clear	solution (20 %)
Solubility in other solvents	No information available	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	No information available	No information available
Decomposition temperature	No information available	No information available
Kinematic viscosity	No information available	No information available
Dynamic viscosity	No information available	No information available

Other information

Density	9.7 lb/gal
Bulk Density	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Volatile Organic Compound (VOC) content, wt. %	No information available
Percent Volatile, wt. %	57 - 59 % moisture

10. STABILITY AND REACTIVITY

Reactivity

Reactivity
 No data available.

Chemical stability

Chemical stability

Stable under normal conditions of handling, use and transportation.

Possibility of hazardous reactions**Possibility of hazardous reactions**

None under normal processing.

Hazardous polymerization

Not anticipated under normal or recommended handling and storage conditions.

Conditions to avoid**Conditions to avoid**

None known.

Incompatible materials**Materials to avoid**

Oxidizing agents.

Hazardous decomposition products**Hazardous decomposition products**

Sulphur oxides. Carbon oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Eye contact**

Mild eye irritation.

Skin contact

Causes mild skin irritation.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation

Mist or spray may cause irritation of respiratory tract.

Acute toxicity - Product Information

Oral LD50	> 2,000 mg/kg
Dermal LD50	> 2,000 mg/kg
Inhalation LC50	No information available

Acute toxicity - Component Information

Chemical name	Weight-%	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Sulfate 7757-82-6	< 10%	> 10000 mg/kg (Rat)	--	--
Dibutyl-naphthalene Sulfonic Acid, Sodium Salt 25417-20-3	< 7%	= 1250 mg/kg (Rat)	--	--

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
Mild skin irritation

Serious eye damage/eye irritation
Mild eye irritation

Sensitization
No information available

Germ cell mutagenicity
No information available

Carcinogenicity
This product does not contain any components in concentrations greater than or equal to 0.1% that are listed as known or suspected carcinogens by NTP, IARC, ACGIH, or OSHA.

Reproductive toxicity
No information available

Specific target organ toxicity - Single exposure
No information available.

Specific target organ toxicity - Repeated exposure
No information available

Aspiration hazard
No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 14739 mg/kg

Other information
Conclusions are drawn from sources other than direct testing.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute aquatic toxicity - Product Information

Fish No information available

Crustacea No information available

Algae/aquatic plants No information available

Acute aquatic toxicity - Component Information

Chemical name	Weight-%	Algae/aquatic plants	Fish	Crustacea
Sodium Sulfate 7757-82-6	< 10%	--	LC50 (96 h) 13500 - 14500 mg/L (Pimephales promelas) LC50 (96 h) = 13500 mg/L (Lepomis macrochirus) LC50 (96 h static) 3040 - 4380	EC50 (96 h) = 630 mg/L (Daphnia magna) EC50 (48 h) = 2564 mg/L (Daphnia magna)

			mg/L (Lepomis macrochirus) LC50 (96 h static) > 6800 mg/L (Pimephales promelas)	
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Persistence and degradability**Persistence and degradability**

No information available

Bioaccumulative potential**Bioaccumulative potential**

No information available

Mobility**Mobility**

No information available

Results of PBT and vPvB assessment**PBT and vPvB assessment**

No information available

Other adverse effects**Other information**

No other ecological studies have been carried out on this product.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Do not put solutions containing this product into sewer systems. Dispose of product in an approved chemical waste landfill or incinerate in accordance with applicable Federal, state and local regulations. Avoid landfilling liquids.

Contaminated packaging

Since empty containers retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION**DOT**

Not regulated

ICAO/IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories****United States (TSCA)**

All ingredients are on the inventory or exempt from listing

Australia (AICS)

All ingredients are on the inventory or exempt from listing

Canada (DSL)

All ingredients are on the inventory or exempt from listing

Canada (NDSL)

None of the ingredients are on the inventory.

China (IECSC)

All ingredients are on the inventory or exempt from listing

European Union (EINECS)

All ingredients are on the inventory or exempt from listing

European Union (ELINCS)

None of the ingredients are on the inventory.

Japan (ENCS)

All ingredients are on the inventory or exempt from listing

EC-Label

All ingredients are on the inventory or exempt from listing

Philippines (PICCS)

All ingredients are on the inventory or exempt from listing

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

AIIC - Australian Inventory of Industrial Chemicals

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

IECSC - China Inventory of Existing Chemical Substances

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

U.S. Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

U.S. State Regulations**California Proposition 65****WARNING**

This product may contain traces of a substance(s) known to the State of California to cause cancer.

Chemical name	California Proposition 65
Naphthalene 91-20-3	carcinogen, 4/19/2002

U.S. State Right-to-Know Regulations

Sodium Sulfate

7757-82-6	
Massachusetts Right to Know Law	Present (solution)
Pennsylvania Right to Know List	Environmental hazard (solution)

16. OTHER INFORMATION

NFPA Rating	Health hazards - 1	Flammability - 1	Instability - 0	Special hazards - -
HMIS Rating	Health hazards - 1	Flammability - 1	Physical hazards - 0	Personal protection - B
Product code	9146A			
Revision date	2024-Jan-10			
Revision number	1.01			

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet