

SAFETY DATA SHEET**SECTION 1 - IDENTIFICATION**

Product identifier used on the label: Pioneer Brite Foam DG

Other means of Identification: 103680-84

Recommended use of the chemical and restrictions on use: For professional use only.

Manufacturer/Supplier:

Pioneer Brite

Address:

1381 Heistan Place
Memphis, TN 38104

Contact: Carl Shorter Jr.

Phone: 800-783-7320

Fax: 901-725-7697

Email: carl.shorter.jr@pioneerbrite.com

Customer Website: www.pioneerbrite.com

SDS 24hr Service Provider Name: Infotrac

SDS 24 Hr Service Provide Phone: 800-535-5053

SECTION 2 - HAZARDS IDENTIFICATION**Classification of the chemical:**

Skin corrosion/irritation – Category 1

Serious eye damage/eye irritation - Category 1

Specific target organ toxicity (single exposure) - Category 3

Label elements:

Hazards Not Otherwise Classified (HNOC): May be harmful if swallowed

Signal Word:

Danger

Hazard statement(s): Causes severe skin burns and eye burns. May cause respiratory irritation. May cause drowsiness or dizziness

Precautionary statement(s)

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Use only outdoors or in a well-ventilated area

Store locked-up

Store in a well-ventilated place. Keep container tightly closed

Dispose of contents/container to an approved waste disposal plant

If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a poison control center or doctor/physician.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or doctor/physician.

Hazard pictogram(s)



Other hazards: Harmful to aquatic life with long lasting effects

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name, Common Name & Synonyms:	CAS #	Concentration %
Monoethanolamine	141-43-5	<10
Dodecyl benzene sulfonic acid	27176-87-0	<10
Tetrasodium EDTA	64-02-8	<10
Sodium xylenesulfonate	1300-72-7	<5
Sodium hydroxide	1310-73-2	<5

**** If the chemical name/CAS # is "proprietary" and/or the weight % is shown as a range, this information had been withheld as a trade secret.**

SECTION 4 - FIRST-AID MEASURES

Description of first aid measures:

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If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

Most Important symptoms and effects, both acute and delayed: Causes severe skin burns and eye damage. May cause respiratory irritation. May cause drowsiness or dizziness. May be harmful if swallowed.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Use extinguishable measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Not determined.

Special hazards arising from the substance or mixture: Material is corrosive.

Special protective equipment and precautions for firefighters:

Protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special fire-fighting procedures: Not applicable.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment as required. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Keep in suitable, closed containers for disposal.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fumes/gas/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for safe storage: Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Store locked up.

Incompatible materials: Acids. Oxidizing agents. Bleach. Do not mix with other chemicals or cleaners.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Monoethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m ³ (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Exposure controls:

Ventilation and engineering measures: Apply technical measures to comply with the occupational exposure limits. Eyewash stations. Showers.

Respiratory protection: Ensure adequate ventilation, especially in confined areas.

Skin protection: Wear suitable protective clothing.

Eye face protection: Wear approved safety goggles where a splash hazard exists.

General hygiene considerations: Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear red liquid

Odor: None

Odor threshold: No applicable information available

pH: 11.0-11.6

Melting/Freezing point: No applicable information available

Initial boiling point and boiling range: 100 °C / 212°F

Flash point: None to boiling

Flashpoint (Method): No applicable information available

Evaporation rate (BuAe = 1): Similar to water

Flammability (solid, gas): Liquid- not applicable

Lower flammable limit (% by vol.): Not Flammable

Upper flammable limit (% by vol.): Not Flammable

Vapor pressure: No applicable information available

Vapor density: No applicable information available

Relative density: 8.64 lb/gal

Solubility in water: Soluble

Other solubility(ies): No applicable information available

Partition coefficient: No applicable information available

Auto ignition temperature: No applicable information available

Decomposition temperature: No applicable information

available **Viscosity:** Similar to water

Volatile organic Compounds (%VOC's): No applicable information available

Other physical/chemical comments: No applicable information available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not normally reactive

Chemical stability: Stable

Possibility of hazardous reactions: No hazardous polymerization

Conditions to avoid: Keep out of reach of children. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials.

Incompatible materials: Acids. Oxidizing agents. Bleach. Do not mix with other chemicals or cleaners.

Hazardous decomposition products: None known based on information supplied.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: Avoid breathing vapors or mists.

Routes of entry - skin & eye: Causes severe eye damage and skin burns.

Routes of entry - Ingestion: May be harmful if swallowed.

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Symptoms: Please see Section 4 of this SDS for symptoms.

Potential Chronic Health Effects:

Mutagenicity: Not expected to be mutagenic in humans.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects: No applicable information available

Sensitization to material: Not applicable

Specific target organ effects: Not applicable

Medical conditions aggravated by overexposure: Not applicable

Toxicological data:

See the following table for individual ingredient acute toxicity data.

Chemical name	CAS #	LD ₅₀ (Oral, rat)	LD ₅₀ (Dermal. Rabbit)	LC ₅₀ (4hr, Inhal., rat)

Water	7732-18-5	>90 mL/kg	-	-
Monoethanolamine	141-43-5	=1720 mg/kg	= 1 mL/kg = 1025 mg/kg	-
Dodecyl benzene sulfonic acid	27176-87-0	=500 mg/kg	-	-
Tetrasodium EDTA	64-02-8	=10 g/kg	-	-
Sodium xylenesulfonate	1300-72-7	=7200 mg/kg	-	-
Sodium hydroxide	1310-73-2	-	=1350 mg/kg	-

*All empty cells no applicable information available

Other important toxicological hazards: None reported.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Monoethanolamine 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300-1000: 96 h Lepomis macrochirus mg/L LC50 static 114-196: 9g h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Onchorhynchus mykiss mg/L LC50 flow-through	-	65: 48 h Daphnia magna mg/L EC50
Dodecyl benzene sulfonic acid 27176-87-0	29: 96 h Pseudokirchneriella subcapitata mg/L EC50	10.8: 96 h Oncorhynchus mykiss mg/L LC50 static 3.5-10: 96 h Brachydanio rerio mg/L LC50 static	-	5.88: 48 h Daphnia magna mg/L EC50
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static	-	610: 25 h Daphnia magna mg/L EC50
Sodium hydroxide 1310-73-2	-	45.4: 96 h Oncorhynchus mykiss mg/L LC50 static	-	-

Persistence and degradability: No applicable information available

Bioaccumulation potential: No applicable information available.

Mobility in soil:

Chemical Name	Partition Coefficient
Monoethanolamine 141-43-5	-1.91

Other Adverse Environmental effects: No applicable information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Methods of disposal: Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status:

Chemical Name	California Hazardous Waste Status
Sodium hydroxide 1310-73-2	Toxic Corrosive

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste UN defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14 - TRANSPORTATION INFORMATION

US 49 CFR/DOT information:

UN No.: Not regulated

UN Proper Shipping Name: Not regulated

Transport Hazard Class(es): Not regulated

Packing Group: Not regulated

Special Transportation Notes: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. This material may meet the definition of a marine pollutant.

SECTION 15 - REGULATORY INFORMATION

TSCA information: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

European EINECs information: All ingredients listed appear on the European EINECs inventory.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

US Federal Regulations:

CERCLA: This material, as supplied, contains one or more substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity
Dodecyl benzene sulfonic acid 27176-87-0	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ
Sodium hydroxide 1310-73-2	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

CWA (Clean Water Act): This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Dodecyl benzene sulfonic acid	1000 lb	-	-	X
Sodium hydroxide	1000 lb	-	-	X

US State Regulations:

U.S. State Right-to-Know Regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Monoethanolamine 141-43-5	X	X	X
Dodecyl benzene sulfonic acid 27176-87-0	X	X	X
Sodium hydroxide 1310-73-2	X	X	X

SECTION 16 - OTHER INFORMATION

NFPA:	Health Hazards	Flammability	Instability	Special
Hazards				
2	0	0	None	
HMIS:	Health Hazards	Flammability	Physical Hazards	Personal
Protection				
2	0	0	X	

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstract Services

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980

CFR: Code of Federal Regulations

CSA: Canadian Standards

Association **DOT:** Department of Transportation

ECOTOX: U.S. EPA Ecotoxicology Database

EINECS: European Inventory of Existing Commercial chemical Substances

EPA: Environmental Protection Agency

HSDB: Hazardous Substances Data Bank

IARC: International Agency for Research on Cancer

IUCLID: International Uniform Chemical Information Database

LC: Lethal Concentration

LD: Lethal Dose

NIOSH: National Institute of Occupational Safety and Health

NTP: National Toxicology Program

OECD: Organization for Economic Co operation and Development

OSHA: Occupational Safety and Health Administration
PEL: Permissible exposure limit
RCRA: Resource Conservation and Recovery Act
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet Material Safety Data Sheet
STEL: Short Term Exposure Limit
TOG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System

Prepared By:

DISCLAIMER

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of GHS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

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