



**MATERIAL SAFETY
DATA SHEET**

DG CHERRY BOMB

Chemical Product and Company Information

MANUFACTURER'S NAME DrillGreen Petroleum Products	EMERGENCY TELEPHONE NUMBER 361.570.5663
ADDRESS 6001 US Hwy 59 North Victoria, Texas 77905	INFORMATION TELEPHONE NUMBER 361.570.5661
	DATE PREPARED 1/29/13

COMPOSITION/ INFORMATION ON INGREDIENTS

Ether Sulfate Blend with Poly Glycol	CAS # Component #1 – 25322-68-3	
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HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
White, odorless, powder contained in a water soluble tube. Causes eye irritation, slight skin irritation, and digestive tract irritation. Dust causes respiratory tract irritation. Due to high pH of product, release into surface water is harmful to aquatic life. Noncombustible. Reacts with acids and some organics.

POTENTIAL HEALTH EFFECTS

Eye	Causes irritation to the eyes.
Skin Contact	Causes slight irritation to the skin.
Ingestion	May cause irritation to mouth, esophagus, and stomach.
Inhalation	Dust irritating to respiratory tract
Systemic (Other Target Organs) Effects	Repeated exposures are NOT anticipated to cause any significant adverse effects.
Chronic hazards	No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen.
Physical hazards	Can etch glass if not promptly removed



DG CHERRY BOMB (CONT.)

FIRST AID

Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Skin	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention.
Ingestion	If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

FIRE MEASURES

FLAMMABLE PROPERTIES	FLAMMABILITY LIMITS
Flamable Limits: This material is noncombustible	LFL: N/A
Method Used: ASTM D93. PMMC	UFL: N/A

Extinguishing Media	This material is compatible with all extinguishing media.
Fire & Explosion Hazards	Will support combustion. Do not breathe smoke when burning.
Hazards to Fire Fighters	See Section 3 for information on hazards when this material is present in the area of fire.
Fire-fighting equipment	The following protective equipment for fire fighters is recommended when this material is present in the area of a fire: chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots.

ACCIDENTAL RELEASE MEASURES (See Section 13 for Regulatory Information)

Personal Protection	Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots, NIOSH-approved dust respirator where dust occurs. See section 8.
Environmental Hazards	Sinks and mixes with water. Due to high pH of product, release into surface water is harmful to aquatic life. See section 12.
Small spill cleanup	Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). See section 8.
Large spill cleanup	Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). See section 8. In case of contact with water, prevent runoff from entering into storm sewers and ditches which lead to natural waterways. Neutralize contaminated area and flush with large quantities of water. Comply with applicable environmental regulations.
CERCLA RQ	There is no CERCLA Reportable Quantity for this material. If a spill goes off site, notification of state and local authorities is recommended.



DG CHERRY BOMB (CONT.)

HANDLING AND STORAGE

Special Precautions	Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep container closed. Promptly clean up spills. Keep containers closed. Store in clean steel or plastic containers. Separate from acids, reactive metals, and ammonium salts. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers.
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EXPOSURE CONTROL/ PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT	
Eye/ Face	Wear chemical goggles.
Skin Protection	Wear body-covering protective clothing and gloves.
Respiratory Protection	Use a NIOSH-approved dust respirator where dust occurs. Observe OSHA regulations for respirator use (29 C.F.R. §1910.134)
Ventilation	Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.
Exposure Guidelines	Not Established.

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	N/A		
Vapor Pressure (mm Hg.)	N/A	SP Gravity	1.1
Vapor density	N/A	Appearance	Cylindrical solid stick
SOL in H2O	100%	Odor	Soap odor

STABILITY AND REACTIVITY

Chemical Stability	This material is stable under all conditions of use and storage.
Materials to Avoid	Generates heat when mixed with acid. May react with ammonium salt solutions resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc.
Hazardous Decomposition Products	Hydrogen
Conditions to Avoid	None



DG CHERRY BOMB (CONT.)

TOXICOLOGICAL INFORMATION

<p>Acute Data</p>	<p>When tested for primary irritations potential, this material caused moderate irritation to the eyes and slight irritation to the skin. Human experience indicates that irritation occurs when potassium silicates get on clothes at the collar, cuffs or other areas where abrasion may occur. The acute oral toxicity of this product has not been tested. When chemically similar sodium silicates were tested on a 100% solids basis, their single dose acute oral LD 50 in rats ranged from 1500 mg/kg to 3200 mg/kg. The acute oral lethality resulted from nonspecific causes.</p>
<p>Subchronic Data</p>	<p>In a study of rats fed chemically sodium silicate in drinking water for three months, at 200, 600, and 1800 ppm, changes were reported in the blood chemistry of some animals, but no specific changes to the organs of the animals due to sodium silicate administration were observed in any of the dosage groups. Another study reported adverse effects to the kidneys of dogs fed sodium silicate in their diet at 2.4g/kg/day for 4 weeks. Whereas rats fed the same dosage did not develop any treatment-related effects. Decreased numbers of births and survival to weaning was reported for rats fed sodium silicate in the drinking water at 600 and 1200 ppm.</p>
<p>Special Studies</p>	<p>The mutagenic potential of this material has not been tested. Chemically similar sodium silicate was not mutagenic to the bacterium E. Coli when tested in the mutagenicity bioassay. There are no known reports of carcinogenicity of potassium silicates. Frequent ingestion over extended periods of time of gram quantities of silicates is associated with the formation kidney stones and other siliceous urinary calculi in humans. Potassium silicate is not listed by IARC, NTP or OSHA as a carcinogen.</p>

ECOLOGICAL INFORMATION

<p>Eco toxicity</p>	<p>The ecotoxicity of potassium silicate has not been tested. The following data is reported for chemically similar sodium silicates on a 100% solids basis; A 96 hour median tolerance for fish (<i>Gambusia affinis</i>) of 2320 ppm; a 96 hour median tolerance for water fleas (<i>Daphnia magna</i>) of 247 ppm; a 96 hour median tolerance for snail eggs (<i>Lymnaea</i>) of 632 ppm; and a 96 hour median tolerance for Amphipoda of 160 ppm.</p>
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DG CHERRY BOMB (CONT.)

Environmental Fate	This material is not persistent in aquatic systems, but its high pH when undiluted or unneutralized is acutely harmful to aquatic life. Diluted material rapidly depolymerizes to yield dissolved silica in a form that is indistinguishable from natural dissolved silica. It does not contribute to BOD. This material does not bioaccumulate except in species that use silica as a structural material such as diatoms and siliceous sponges. Where abnormally low natural silica concentration exist (less than 0.1 ppm), dissolved silica may be a limiting nutrient for diatoms and a few other aquatic algal species. However, the addition to excess dissolved silica over the limiting concentration will not stimulate the growth of diatom populations; their growth rate is independent of silica concentration once the limiting concentration is exceeded. Neither silica nor potassium will appreciably bioconcentrate up the food chain.
Physical Chemical	Sinks and mixes with water. Only water will evaporate from this material.

DISPOSAL CONSIDERATIONS (See Section 13 for Regulatory Information)

Classification	Disposed material is not a RCRA hazardous waste.
Disposal	Dispose in accordance with federal, state and local regulations and permits

TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (D.O.T.)	This material is not regulated hazardous material for transportation.
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REGULATORY INFORMATION (Not meant to be all inclusive- selected regulations represented)
The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

U.S. REGULATIONS

CERCLA	No CERCLA Reportable Quantity has been established for this material.
TSCA	All ingredients of this material are listed on the TSCA inventory.
SARA TITLE III	Not an Extremely Hazardous Substance under §302. Not a Toxic Chemical under §313. Hazard Categories under §§311/312: Acute
FDA	Potassium silicate is regarded as GRAS (Generally Recognized As Safe) As a corrosion preventative in potable water.

DISCLAIMER OF LIABILITY

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