



SILT™
POWERAG

SAFETY DATA SHEET

according to Federal Register Vol. 77, No. 58
Monday, March 26, 2012
Rules and Regulations
Issue date: 3/10/2023

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Product name: Silt
Chemical Name: Proprietary mixture
Chemical Family: Silicone-Polyether Copolymer blend
Chemical Formula: Mixture

1.2 Product Use

Adjuvant

1.3 Guaranteed By

PowerAG
2213 Leabrook Road
Lancaster PA 17601
1-800-842-2578 powerag.com

1.4 Emergency Telephone Number

Emergency number: 1-800-424-9300 ChemTrec

1.5 Date of Issue

March 10, 2023

SECTION 2: HAZARDS

2.1 GHS Ratings

Toxicity Categories

Skin corrosion/irritation: Category 2

Eye damage/irritation: Category 2A

2.2 Signal Word

"WARNING!"



2.3 GHS Hazards

H315 – Causes skin irritation

H320 – Causes serious eye irritation

2.4 GHS Precautions

P102 – Keep out of reach of children.

P103 – Read label before use.

P233 – Keep container tightly closed.

P234 – Keep only in original container.

P261 – Avoid breathing mist, vapors or spray.

P264 – Wash hands thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves, protective clothing, eye protection and face protection.

P301+312 – IF SWALLOWED: Call a POISON CENTER, doctor or physician if you feel unwell.

P302+352 – IF ON SKIN: Wash with plenty of soap and water.

P304+340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing cautiously. If eye irritation persists, seek medical attention.

P332+313 – If skin irritation occurs: Get medical advice or attention.

P362 – Take off contaminated clothing and wash it before reuse.



SECTION 3: INFORMATION ON COMPONENTS

3.1 Ingredient/Chemical Designations

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Proprietary alcohols	Proprietary	50%

This product contains substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. This product is a proprietary blend. In accordance with paragraph (i) of § 1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Note: Product does NOT contain any pesticides or pest control agents.

CARCINOGENICITY

OSHA: No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

3.2 Section 3 Notes

These specific chemical identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Have the product container with you when calling a poison control center or doctor, or going for treatment.

General advice: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

IF IN EYES: Immediately call a poison center, doctor or physician. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water for several minutes. If skin irritation occurs: Get medical advice or attention.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

4.2 Section 4 Notes

None

SECTION 5: FIREFIGHTING MEASURES

5.1 NFPA Hazard Classification

HEALTH: 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **OTHER:** —

5.2 Firefighting Measures

IN CASE OF FIRE: Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol, polymer, or ordinary) for large fires. Water stream may spread flames.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should use self-contained breathing apparatus and full turnout gear. Prevent runoff of firewater. Avoid exposure to smoke.



UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not use water or foam directly on the fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Silicon dioxide, carbon dioxide, and traces of incompletely burned carbon products.

5.3 Section 5 Notes

None

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Accidental Release Measures

Surround and absorb all spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

6.2 Section 6 Notes

None

SECTION 7: HANDLING AND STORAGE

7.1 Handling

Keep out of reach of children. Read label before use. Do not eat, drink or smoke when using this product. Avoid breathing vapors or spray. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection.

7.2 Storage

Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

7.3 Section 7 Notes

None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

8.2 Exposure Controls

VENTILATION: Normal room ventilation (mechanical) or outdoor use should be satisfactory.

RESPIRATORY PROTECTION: Not necessary unless ventilation is inadequate. Then use OSHA or NIOSH approved respirator, as appropriate.

EYE PROTECTION: Chemical goggles and face shield.

SKIN PROTECTION: Chemical gloves, long-sleeved shirts and pants.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash and safety shower should be easily accessible.

WORK HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

EXPOSURE GUIDELINES: If exposed, see section 4 for acute exposure first aid.

8.3 Section 8 Notes

None



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical and Chemical Properties

Appearance:	Clear, colorless.	Flammable Limits in Air,	Upper: Unknown
Odor:	Slight polyether odor.	(% By Volume)	Lower: Unknown
Order Threshold:	Not known	Vapor Pressure (mmHg):	@
Physical State:	Liquid	Vapor Density (AIR = 1):	F: Unknown
pH as Supplied:	Not applicable		C: Unknown
pH (Other):			@
Initial Boiling Point:	F: Unknown		F: Unknown
	C: Unknown		C: Unknown
Boiling Point Range:	F: Unknown	Relative Density:	1.040 to 1.072
	C: Unknown	Evaporation Rate:	Unknown
Melting Point:	F: Unknown	Basis (butyl acetate=1):	
	C: Unknown	Solubility in Water:	Soluble
Freezing Point:	F: Unknown	Partition Coefficient:	Unknown
	C: Unknown	(n-octanol/water)	
Flash Point:	F: >200	Auto-Ignition Temperature:	Unknown
	C: >93	Decomposition Temperature:	Unknown
Method Used:	PMCC	Viscosity:	@ Not determined
Flammability (solid, gas):	Can burn		F: Unknown
			C: Unknown

9.2 Section 9 Notes: Values are Not Product Specifications

These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SECTION 10: STABILITY AND REACTIVITY

10.1 Stability

Stable

10.2 Conditions to Avoid (stability):

None known.

10.3 Incompatibility (Material to Avoid):

None known.

10.4 Hazardous Decomposition or By-products:

Silicon dioxide, carbon dioxide, and traces of incompletely burned carbon products.

10.5 Hazardous Polymerization:

Will not occur.

10.6 Conditions to Avoid (Polymerization):

None known.

10.7 Section 10 Notes

None

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Mixture Toxicity

Oral Toxicity: 2,553.00mg/kg

Acute eye toxicity: score 19.3, I rated moderately irritating, positive effects persisted through day 21.

11.2 Component Toxicity

Not available

11.3 Section 11 Notes

None

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Ecotoxicity:**

Not available.

12.2 Bioaccumulative Potential

Not available.

12.3 Mobility in Soil

Not available.

12.4 Other Adverse Effects:

Not available.

12.5 Section 12 Notes

None

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste Disposal Method**

Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all local, regional, national and international regulations.

13.2 Container Disposal

Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

13.3 RCRA Hazard Class

None

13.4 Section 13 Notes

None

SECTION 14: TRANSPORT INFORMATION**14.1 U.S. Department of Transportation****DOT Shipping Description:**

Not regulated.

U.S. Surface Freight Classification:

ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60) Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

14.2 Other Agencies

None

14.3 Section 14 Notes

None

SECTION 15: REGULATORY INFORMATION**15.1 U.S. Federal Regulations**

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**Chemical Name****CAS Number****Range in %****RQ**

Residual ethylene oxide (typical)

75-21-8

<0.001

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SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

Section 302/304 Extremely Hazardous Substances**Chemical Name****CAS Number****Range in %****TPQ****RQ**

Residual ethylene oxide (typical)

75-21-8

<0.001

Below reportable concentrations

**311/312 Hazard Categories:**

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
Immediate Health Hazard

313 Reportable Ingredients:

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

WARNING! This product contains a detectable amount of ethylene oxide, which is known to the State of California to cause cancer and/or reproductive toxicity.

Ethoxylated products may contain residual amounts of ethylene oxide (EO) which can accumulate in the container headspace and be released into the ambient environment. This process is enhanced when the product is agitated, as during tank car loading and unloading, and blending operations. Ethylene oxide causes tumors in laboratory animals. The Occupational Safety and Health Administration (OSHA) Permissible Exposure Level (PEL) for EO is 1 ppm for an eight-hour time weighted average exposure. The standard regulates occupational exposure to EO from all sources, including products containing residual EO. It is the responsibility of the employer to comply with OSHA ethylene oxide standard (29 CFR 1910.1047).

15.2 International Regulations

None

15.3 Section 15 Notes

None

SECTION 16: OTHER INFORMATION**16.1 Other information**

None

16.2 Disclaimer

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.