

Section 1: Product and Company Identification

Product Identifier

Product Form: Proprietary Product

Product Name: SURF A LUBE™ - Storage Fluid (Environmentally Sensible) LOW VOC, non-HAPs, non-Combustible, non-Corrosive

Product #: 02-W400590

Intended Use of the Product: Commercial, Industrial and Professional use only. Use as directed

Details of the supplier of the safety data sheet

Manufacturer

Global Specialty Products - USA, Inc.

10 Eagle Avenue - Suite 500

Mount Holly, New Jersey 08060

www.gsp-usa-inc.com

Telephone: 609-518-7577 Fax: 609-518-5277 Mon - Fri, 8am - 5 pm PST

Email: support@gsp-usa-inc.com


Chemical Emergency Number: ChemTel: 1-800-255-3924

Section 2: Hazards Identification

Classification of the mixture

According to Regulation 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200).

Label Elements

Signal Word	Classification of the substance or Mixture	Category	Hazard Statements (GHS-US)	Hazard Pictograms/ Labeling (GHS-US)
Warning	Eye Irritation	2A	H319 - Causes Serious eye irritation	

Precautionary Statements (GHS-US)

General precautionary statements: P101: If medical advice is needed, have product container or label at hand;

Prevention precautionary statements

P264: Wash thoroughly after handling; **P280:** Wear eye protection, face protection.

Precautionary Statements: PREVENTION:P102: Keep out of reach of children. **P103:** Read label before use. **P264** - Wash skin thoroughly after handling. **P280** - Wear eye protection/face protection **RESPONSE:P305 , P351, P338 - IF IN EYES** - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/ attention **Other Hazards which do not result in classification: N/A**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. **ACGIH:** No component of this product present at levels greater than or equal to 0.1 % is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to 0.1 % is identified as a carcinogen or potential carcinogen by OSHA. **NTP:** No component of this product present at levels greater than or equal to 0.1 % is identified as a known or anticipated carcinogen by NTP.

Section 3: Composition/Information on Ingredients

Mixture

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret (29 CFR 1910.1200) Contains no hazardous components at 1% or more as listed or defined in 29 CFR 1910, Subpart Z. Contains no components that are reported to be carcinogenic by any reference source including IARC, OSHA, NTP and EPA. This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California Prop 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. **DOES NOT contain raw materials listed on SECTION 112(b) OF HAZARDOUS AIR POLLUTANTS.**

Section 4: First Aid Measures

Description of First Aid Measures

GENERAL: Never give anything to an unconscious person, If Exposed or Concerned; Get medical advice/attention immediately.

INHALATION: When symptoms occur remove to fresh air immediately. Keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a POISON CENTER, doctor or physician immediately. Ventilate suspected area.

SKIN CONTACT: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice and attention immediately. Wash contaminated clothing before reuse.

EYE CONTACT: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Duration of rinsing should be at least 15 minutes. Get medical attention if irritation persists after washing.

INGESTION: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. **NOTE TO PHYSICIANS:** Treat symptomatically.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container, SDS or label at hand.

Section 5: Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Water Spray, CO₂, Dry Chemical, Foam

Unsuitable Extinguishing Media: High volume water jet.

Special Hazards Arising From the Substance or Mixture

Specific Hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products: toxic fumes Carbon oxides.

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further Information: Standard procedure for chemical fires.

Special protective equipment for firefighters: Wear self-contained breathing apparatus for fire-fighting if necessary.

Use personal protective equipment.

Reference to Other Sections - Refer to section 9 for flammability properties. Refer to section 16 for NFPA information

NFPA Flammable and Combustible Liquids Classification: Combustible Liquid Class IIIB

Section 6: Accidental Release Measures

Steps To Take If Material Is Released/Spilled/Leaks

NOTE: Review Fire And Explosion Hazards and Safety Precautions before proceeding with clean up.

Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Remove source of heat, sparks, flame, impact, friction or electricity.

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Spilled material may present a slipping hazard.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions Prevent liquid from entering sewers, waterways or low areas. Recover free liquid for reuse or reclamation.

Recover undamaged and minimally contaminated material for reuse or reclamation. Contact competent authorities after a spill.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal and dispose of waste safely.

Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

Section 7: Handling and Storage

Precautions for Safe Handling

ADVICE ON SAFE HANDLING: Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards. **Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container tightly closed. Keep in original container.

Specific End Use(s): Commercial use. For professional use only.

Section 8: Exposure Controls/Personal Protection

Control Parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection - No personal respiratory protective equipment normally required.

In the case of vapor formation use a respirator with an approved filter.

Hand Protection: Wear chemically resistant protective gloves.

Eye / Face Protection: Eye wash bottle with pure water. Safety glasses with side shields, or goggles, are recommended. Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

Appearance	Clear Liquid - Colorless
Odor	Slight Characteristic
Odor Threshold	N/A
pH	6.5 - 7.5
Freezing Point	-70 °C (-94 °F)
Boiling point (Boiling point/boiling range)	242 - 255 °C (467.6 - 491 °F)
Flash point	116 - 120 °C (241 - 248 °F)
Evaporation rate	< 0.01 n-Butyl Acetate
Flammability (solid, gas)	N/A
Burning Rate	N/A
Upper explosion limit	21 - 32.5% (V)
Lower explosion limit	1.7 - 4.7 % (V)
Vapor density	1.2 - 7.5 @ 20 °C (68 °F) (Air= 1.0)
Specific Gravity (@ 68 °F grams/ ml)	1.090 - 1.095 @ 20 °C (68 °F) Reference substance: (water= 1)
Vapor pressure	0.02 mmHg @ 20 °C (68 °F)
Solubility in water	Soluble
Auto-ignition temperature	430 - 455 °C
Viscosity @68°F (water=1.0)	Water thin
Weight/Gallon	9.10 (lbs. / gal.)
Normal Working Concentrations/Temperature	Full Strength @ Room Temperature Only
Recycling Parameters (Vacuum Distillation)	195 - 253 °F AND 760 MM HG PRESSURE
REACTIVITY	NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.
CHEMICAL STABILITY	STABLE UNDER NORMAL CONDITIONS.
POSSIBILITY OF HAZARDOUS REACTIONS	NO HAZARDS TO BE SPECIALLY MENTIONED.
CONDITIONS TO AVOID	HEAT, FLAMES AND SPARKS. EXPOSURE TO MOISTURE. ELEVATED TEMPERATURES

Section 10: Stability and Reactivity

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: The product is stable at normal handling and storage conditions.

Possibility of Hazardous Reactions: No hazards to be specially mentioned.

Conditions to Avoid: Heat, flames and sparks, Exposure to moisture. Elevated temperatures.

Incompatible Materials: Peroxides, strong acids, strong bases, strong oxidizing agents, water, metal oxides.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides.

Section 11: Toxicological Information

Information on Toxicological Effects

INHALATION: May cause mild irritation to the nose, throat and upper respiratory tract.

SKIN CONTACT: May cause mild skin irritation.

EYE CONTACT: May cause serious eye irritation.

INGESTION: May cause irritation of the gastrointestinal tract.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: May cause moderate to severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause mild skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause mild irritation to the nose, throat and upper respiratory tract. Symptoms may include upper respiratory irritation, coughing, and breathing difficulties. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

ACUTE TOXICITY: This product is not classified as an acute toxicity hazard. See data for individual ingredient acute toxicity data.

ACUTE

DERMAL LD50: Rabbit; >5000 mg/kg

INHALATION LC50: Rat; No data in literature

ORAL LD 50: Rat; 29100 mg/kg

Skin corrosion/irritation

Serious eye damage/eye irritation - This product is not classified as a skin corrosive or irritant. Serious eye damage/eye irritation - Category 2A

Respiratory or skin sensitization Respiratory sensitization: This product is not expected to cause respiratory sensitization.

Skin sensitizer: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1 % are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity- single exposure: Not classified as a specific target organ toxicity -single exposure.

Specific target organ toxicity- repeated exposure: Not classified as a specific target organ toxicity -repeated exposure.

Aspiration toxicity: Not expected to be an aspiration hazard.

Chronic effects: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Components of this product are hazardous to aquatic life. No data is available on the product itself. See below for individual ingredient Eco toxicity data.

Section 12: Ecological Information

Information on Ecological Effects

Components of this product are hazardous to aquatic life. No data is available on the product itself. See below for individual ingredient Eco toxicity data.

Aquatic

Toxicity to fish: LC50 (Cyprinus carpio (Carp)): > 1,000 mg/l Exposure time: 96 h

Test Type: semi-static test

GLP: yes

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h Test Type: static test GLP: yes

Toxicity to algae: EC50 (Desmodesmus subspicatus (green algae)): > 900 mg/l End point: Biomass

Exposure time: 72 h

Test Type: static test

GLP: yes

Toxicity to bacteria: LC 50 (Pseudomonas putida): 25,619 mg/l End point: Growth rate

Exposure time: 16 h

Test Type: Static

Method: DIN 38412

GLP: yes

Persistence and degradability Readily biodegradable.

Biodegradability rad a : aerobic

Inoculum: Activated sludge, domestic, adaption not specified

Concentration: 20 mg/l

Biodegradation: 90 %

Testing period: 9 d

Exposure time: 29 d

Remarks: Readily biodegradable

Bio concentration factor (BCF): 3.0

Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water: log Pow: -0.41

Mobility in soil

Stability in soil: Remarks: Not expected to adsorb on soil.

Other adverse effects

No data available

Regulation

40 CFR Protection of Environment; Part 82 Protection

of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information: No data available

Section 13: Disposal Considerations

Disposal Instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Hazardous waste code: Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14: Transport Information

Proper Shipping Name:	SURF A LUBE™ STORAGE FLUID
DOT Identification Number:	Class 70
NMFC Number:	4858003
Land DOT Hazard Class:	Not regulated as dangerous goods
Hazardous Ingredients:	None
NFPA Flammable and Combustible Liquids Classification:	n/a
In Accordance with IMDG	Not regulated as dangerous goods
In Accordance with IATA	Not regulated as dangerous goods
In Accordance with TDG	Not regulated for transport

Section 15: Regulatory Information (cont'd)

OSHA Hazard Communication Standard

OSHA HAZARDS MODERATE EYE IRRITANT

WHMIS CLASSIFICATION D2B TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

TSCA Section 12(b) Export Notification (40 CFR 707, Sub pt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

SARA 304 Emergency release notification Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not Listed

Superfund Amendments and Reauthorization Act of 1986 SARA

HAZARD CATEGORIES - Immediate Hazard - Yes

Delayed Hazard - No **Fire Hazard** - No

Pressure Hazard - No **Reactivity Hazard** - No

SARA 302 Extremely hazardous substance

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards - Acute Health Hazard

SARA 313 (TRI reporting) - This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SOWA) Not regulated

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.

US. Massachusetts RTK - Substance List Not regulated.

US. New Jersey Worker and Community Right-to-Know Act Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law Not listed.

US. Rhode Island RTK Not regulated. **US. California Proposition 65** California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Section 15: Regulatory Information (cont'd)

The components of this product are reported in the following inventories:

United States TSCA Inventory:	y (positive listing) (On TSCA Inventory)
Canadian Domestic Substances List (DSL):	y (positive listing) All components of this product are on the Canadian DSL.)
Australia Inventory of Chemical Substances (AICS):	y (positive listing) On the inventory, or in compliance with the inventory)
New Zealand. Inventory of Chemical Substances:	y (positive listing) (On the inventory, or in compliance with the inventory)
Japan. ENCS - Existing and New Chemical Substances Inventory:	y (positive listing) (On the inventory, or in compliance with the inventory)
Korea. Korean Existing Chemicals Inventory (KECI):	y (positive listing) (On the inventory, or in compliance with the inventory)
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	y (positive listing) (On the inventory, or in compliance with the inventory)
China. Inventory of Existing Chemical Substances in China (IECSC):	y (positive listing) (On the inventory, or in compliance with the inventory)

Section 16: Other Information

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

Rating

0 = Non Regulated

1 = Low

2 = Moderate

3 = High

4 = Extreme

HMIS RATING	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PROTECTION	0


HMIS (Hazardous Material Information Association)
NFPA (National Fire Protection System)

 Recommended monitoring method
 Exposure controls

None

Appropriate engineering controls

Not normally required.

 Personal protection equipment
 Eye/face protection

Wear protective eye glasses for protection against liquid splashes.


 Skin protection
 (Hand protection/ Other)

 The following to be used as necessary:
 Gloves (Neoprene or Natural rubber).


Respiratory protection

 No personal respiratory protective equipment normally required.
 In the case of vapor formation use a respirator with an approved filter.


Thermal hazards

None

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial, and local laws. The following specific information is made for the purpose of complying with numerous Federal, State or Provincial, and local laws and regulations. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.