



## Safety Data Sheet

### SUNSWEEP®

#### SECTION 1 – IDENTIFICATION

**PRODUCT NAME:** SUNSWEEP®  
**EFFECTIVE DATE:** March 22, 2017  
**CHEMICAL FAMILY:** Drilling Fluid Additive  
**MANUFACTURER:** SUN DRILLING PRODUCTS CORP.  
503 Main Street  
Belle Chasse, LA 70037

**CHEMICAL EMERGENCY – Spill, Leak, Fire, Accident**  
**USA/Canada Call 1-800 424-9300 CHEMTREC – Outside USA/Canada Call 1-703-527-3887**

#### SECTION 2 – HAZARD IDENTIFICATION

**CLASSIFICATION:** MILD IRRITANT, CATEGORY 2B

**LABELLING:**

**Symbol** – No Symbol

**Signal Word** - Warning

**Hazard Statement** – May Cause Eye Irritation

**Precautionary Statements** – Wash hands thoroughly after using product to reduce risk of product transfer to eyes, which may cause irritation. Use eye protection, close-fitting safety glasses or goggles, suitable to prevent direct eye contact with product. Persons with pre-existing skin disorders may experience slight irritation.

#### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	PERCENT	CAS NUMBER	PEL
Polypropylene	100	9003-07-0	15 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable dusts.

The criteria for listing components in the composition are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Non-hazardous components may be listed at 3.0% or greater if not proprietary in nature. This is not intended to be complete compositional disclosure. Refer to section 14 for applicable states right-to-know and other regulatory information.

#### EMERGENCY OVERVIEW

**APPEARANCE/ODOR:**

White to coppery/tan odorless fibers

**SHORT TERM EXPOSURE**

**GENERAL:** No significant adverse health effects are expected to develop with normal use.



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**EYES:** Slight to moderate irritant. Fibers are generally inert and exhibit no acute toxicity to the eye, but physically they may cause irritation.

**SKIN:** Persons with pre-existing skin disorders may experience slight irritation.

**INHALATION:** Persons with pre-existing respiratory disorders may experience slight irritation.

**INGESTION:** No significant adverse health effects are expected to develop if only small amounts (less than a mouthful) are swallowed.

**OSHA REGULATED:** Not regulated.

**LISTED CARCINOGEN:** NTP RoC- Not listed. **IARC MONOGRAPHS** – Group 3: The agent is not classifiable as to its carcinogenicity to humans.

#### SECTION 4 – FIRST AID MEASURES

**EYE CONTACT** - In case of eye contact, flush immediately with water for a minimum of 15 minutes; seek medical attention if contact irritation persists.

**SKIN CONTACT** – If contact with skin results in irritation, wash thoroughly with soap and water.

**INHALATION** - If affected by inhalation, remove to fresh air.

**INGESTION** - If swallowed, do not induce vomiting; seek immediate medical attention.

#### SECTION 5 – FIRE FIGHTING MEASURES

**FLASHPOINT:** >500°F, 260°C

**EXTINGUISHING MEDIA:** Class A foam, dry chemical, steam, water fog.

**DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide, organic oxidation products, and acrid smoke.

**LOWER FLAME LIMIT:** NA

**HIGHER FLAME LIMIT:** NA

**COMBUSTIBLE DUST HAZARD:** Like other synthetic organic materials (plastics, resins), combustible dust can be produced by processes that reduce these fibers to a finely divided state. Precautions should include good housekeeping to avoid accumulation and dispersion of fine particles. If fine particles are produced, protection from ignition sources and adherence to the NFPA's Standard 654 on Combustible Dust is required.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Large fires may be difficult to extinguish; supplies should be cut off, adjacent structures cooled with water and fire allowed to burn out. Small fires may be controlled with extinguishing media listed above.

**FIRE FIGHTING EQUIPMENT:** Fire Fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**CHEMICAL EMERGENCY NUMBER (24 HOURS):** CHEMTREC

**1-800-424-9300 USA/CANADA**

**1-703-527-3887 Outside USA/Canada**

**SPILL:** In case of spill, if product cannot be swept up or collected by vacuum and recycled, dispose of in accordance with applicable regulations. Product as sold would be a nonhazardous industrial waste. Avoid spillage into drains, surface, and ground water.



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**RCRA STATUS:** As sold, product is not a Characteristic or Listed RCRA hazardous waste.

#### SECTION 7 – HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes, skin and clothing. Good housekeeping is essential in reducing possible slipping hazards.

**HANDLING AND STORAGE:** No special storage requirements. Provide sufficient general ventilation during and after application. Avoid prolonged or repeated contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking or smoking. If necessary, take first aid action shown in Section 4.

#### SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

**GENERAL CONSIDERATIONS:**

Consider the potential hazards of this material (see section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting protective equipment.

**EYE PROTECTION:** Use goggles or safety glasses to prevent direct eye contact.

**RESPIRATORY PROTECTION:** Not normally needed. Use NIOSH-approved respirator for particulates if exposure is unknown or exceeds any permissible limits.

**PROTECTIVE GLOVES:** Wear protective gloves if irritating to skin following repeated contact.

**VENTILATION:** General or Local exhaust.

**LOCAL EXHAUST:** Recommended in closed places.

Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.

**VENTILATION NOTES:** Provide general or local ventilation to control exposure levels below airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

**THRESHOLD LIMIT VALUE:** 10 mg/m<sup>3</sup> as Total Dust.

**PROTECTIVE EQUIPMENT:** HMIS PERSONAL PROTECTION: B: Safety Glasses, Gloves

The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE/ODOR:</b>	White to coppery/tan/Odorless fibers
<b>ODOR THRESHOLD:</b>	ND
<b>pH:</b>	NA
<b>MELTING POINT:</b>	320-338°F
<b>FREEZING POINT:</b>	NA



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<b>BOILING POINT:</b>	NA
<b>FLASHPOINT:</b>	>500°F, 260°C
<b>EVAPORATION RATE:</b>	NA
<b>FLAMMABILITY (SOLID, GAS):</b>	NA
<b>UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:</b>	NA
<b>VAPOR PRESSURE:</b>	NA
<b>VAPOR DENSITY (AIR = 1):</b>	NA
<b>RELATIVE DENSITY (Water=1)</b>	0.90-0.92
<b>SPECIFIC GRAVITY</b>	0.91 g/cc
<b>SOLUBILITY IN WATER:</b>	Negligible
<b>PARTITION COEFFICIENT:</b>	ND
<b>AUTO-IGNITION TEMPERATURE:</b>	ND
<b>DECOMPOSITION TEMPERATURE:</b>	ND
<b>VISCOSITY, SUS@100°F:</b>	NA

#### SECTION 10 – STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY:</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>HAZARDOUS POLYMERIZATION:</b>	Will Not Occur.
<b>CONDITIONS TO AVOID:</b>	Polypropylene can react with chlorine, fuming nitric acid and other strong oxidizing agents.
<b>INCOMPATIBLE MATERIALS:</b>	See <b>Conditions to Avoid</b> (above).

#### SECTION 11 – TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** There is no evidence associating single exposure to the substance with a consistent and identifiable toxic effect.

**SKIN CORROSION/IRRITATION:** Persons with pre-existing skin disorders may experience slight irritation.

**SERIOUS EYE DAMAGE/IRRITATION:** May be irritating to eyes on direct contact.

**RESPIRATORY OR SKIN SENSITIZATION:** None expected.

**GERM CELL MUTAGENICITY:** ND

**CARCINOGENICITY:** ND

**REPRODUCTIVE TOXICITY:** ND

**STOT\*-SINGLE EXPOSURE:** There is no evidence associating single exposure to the substance with a consistent and identifiable toxic effect.

**STOT\*- REPEATED EXPOSURE:** There is no evidence associating repeated exposure to the substance with a consistent and identifiable toxic effect.

**ASPIRATION HAZARD:** ND

\*Specific Target Organ Toxicity

#### SECTION 12 – ECOLOGICAL INFORMATION

Data from laboratory studies and from scientific literature is noted below if available.



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#### SECTION 13 – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Follow applicable governing regulations for disposal. Product as sold is not a Listed or Characteristic waste per RCRA.

#### SECTION 14 – TRANSPORTATION INFORMATION

The data provided in this section is for information only. The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations to properly classify your shipment for transportation.

<b>UN PROPER SHIPPING NAME:</b>	DOT NON-REGULATED – SUNSWEEP®
<b>TRANSPORT HAZARD CLASS AND LABEL:</b>	NON-REGULATED
<b>UN/NA NUMBER:</b>	N/A
<b>HARMONIZED CODE/TARIFF CODE</b>	5503-40-0000
<b>PACKAGING SIZE:</b>	15 pounds (6.8 kilograms) per 6-gallon (22.7-liter) waterproof screw top pail
<b>REPORTABLE QUANTITY:</b>	None

#### SECTION 15 – REGULATORY INFORMATION

##### SARA 311 CATEGORIES:

<b>EPA ACUTE:</b>	No
<b>EPA CHRONIC:</b>	No
<b>EPA IGNITABILITY:</b>	No
<b>EPA REACTIVITY:</b>	No
<b>EPA SUDDEN RELEASE OF PRESSURE:</b>	No
<b>CERCLA RQ VALUE:</b>	None under CERCLA but check individual State Regulations.
<b>SARA TPQ:</b>	None
<b>SARA RQ:</b>	None
<b>EPA HAZARD WASTE#:</b>	None
<b>CLEAN AIR:</b>	N/A
<b>CLEAN WATER:</b>	N/A
<b>SARA SECTION 313:</b>	No
<b>NFPA HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	0
<b>NFPA REACTIVITY:</b>	0
<b>DEA Chemical Trafficking Act:</b>	N/A
<b>TSCA STATUS:</b>	All ingredients in this product are on the TSCA Inventory List.

#### SECTION 16 – OTHER INFORMATION

**FOOT NOTES:** NA NOT APPLICABLE  
> = GREATER THAN OR EQUAL TO

**ND** – NO DATA AVAILABLE  
< = LESS THAN OR EQUAL TO



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**REVISION STATEMENT:** Changes have been made throughout this Safety Data Sheet. Please read the entire document.

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