



## SECTION 1 – IDENTIFICATION

**PRODUCT NAME:** COASTALUBE®  
**EFFECTIVE DATE:** September 26, 2016  
**CHEMICAL FAMILY:** Drilling Fluid Additive  
**FORMULA:** Proprietary Blend  
**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:** ACUTE INHALATION TOXICANT: CATEGORY 4. ASPIRATION TOXICANT: CATEGORY 1.

**LABELLING:**

Symbol –



**Signal Word – DANGER**

**Hazard Statements –** H304: May be fatal if swallowed and enters airways. H332: Harmful if inhaled.

**Precautionary Statements –** P261: Avoid breathing mist / vapors. P271: Use only outdoors or in a well-ventilated area. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P331: Do NOT induce vomiting. P405: Store locked up. P501: Dispose of contents and container in accordance with local regulations.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	PEL
Dec-1-ene, dimers, hydrogenated	>85	68649-11-6	None established

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



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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:**

Clear Yellow to Amber Liquid/Mild Oily Odor

#### **SHORT TERM EXPOSURE**

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

**EYES:** Slight to moderate irritant.

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

**INHALATION:** Product is moderately toxic through inhalation - Acute toxicity (Rat) 4 hours LC50 1170 mg/m<sup>3</sup>, as aerosol. Persons with pre-existing respiratory disorders may experience slight irritation.

Respiratory protection for oil mist is recommended during operations where mists or vapors are generated (e.g., heating). Not expected to be a respiratory sensitizer.

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

**ASPIRATION INTO LUNGS:** Small amounts of liquid entering the lungs during ingestion or vomiting can cause chemical pneumonitis or pulmonary edema.

**OSHA REGULATED:** Not regulated.

**LISTED CARCINOGEN:** NTP RoC- Not listed. IARC MONOGRAPHS – Not classified.

### **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. If product has been injected or otherwise entered into or under the skin, seek immediate medical attention even in the absence of symptoms.

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

**INGESTION** - If swallowed, do not induce vomiting as this may result in aspiration into the lungs; seek immediate medical attention.

### **SECTION 5 – FIRE FIGHTING MEASURES**

**FLASHPOINT:** >300°F

**EXTINGUISHING MEDIA:** Do not use water; use Dry Powder or Carbon Dioxide.

**DECOMPOSITION PRODUCTS:** Fire may generate Carbon Monoxide and Carbon Dioxide.

**LOWER FLAME LIMIT:** ND

**HIGHER FLAME LIMIT:** ND

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Excessive ambient temperature may cause sealed containers to explode; cool containers with water. Keep unnecessary people away.

**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.



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### 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 collected by liquids vacuum and recycled, absorb with inert material and dispose of in accordance with applicable regulations. Product as sold would be a nonhazardous industrial waste. Avoid spillage into drains, surface, and ground water. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center, (800) 424-8802.

**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:** Product can accumulate static charges which may act as an ignition source. Store away from oxidizers. 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:** Safety glasses with side shields are recommended as minimum protection. Chemical goggles or faceshield combined with safety glasses should be worn during transfer operations or when there is a likelihood of misting, splashing or spraying of this material.

**RESPIRATORY PROTECTION:** Not normally needed. Use NIOSH-approved respirator for organic vapors if exposure is unknown or exceeds any permissible limits. A particulate air-purifying respirator approved for dust/oil mist is also appropriate.

**PROTECTIVE GLOVES:** Wear protective gloves (suggested are PVC, neoprene, nitrile rubber) if irritating to skin.

**VENTILATION:** General or Local exhaust.

**LOCAL EXHAUST:** Recommended in circumstances where general ventilation is limited, personal exposure is above recommended limits, or where respiratory irritation occurs.

**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



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sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

**THRESHOLD LIMIT VALUE:** None established for this Product.

**PROTECTIVE EQUIPMENT:** HMIS PERSONAL PROTECTION: C: Safety Glasses, Gloves, Protective Apron

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>	Clear Golden to Amber Liquid/ Oily Odor
<b>ODOR THRESHOLD:</b>	ND
<b>pH:</b>	7-9
<b>MELTING POINT:</b>	ND
<b>FREEZING POINT:</b>	<0°F
<b>BOILING POINT:</b>	ND
<b>FLASHPOINT:</b>	>300°F
<b>EVAPORATION RATE:</b>	ND
<b>FLAMMABILITY (SOLID, GAS):</b>	NA
<b>UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:</b>	NA
<b>VAPOR PRESSURE:</b>	ND
<b>VAPOR DENSITY (AIR = 1):</b>	>1
<b>RELATIVE DENSITY</b>	ND
<b>SPECIFIC GRAVITY</b>	0.80 g/cc
<b>SOLUBILITY IN WATER:</b>	Dispersible
<b>PARTITION COEFFICIENT: N-OCTANOL/WATER</b>	
<b>AUTO-IGNITION TEMPERATURE:</b>	ND
<b>DECOMPOSITION TEMPERATURE:</b>	ND
<b>VISCOSITY, SUS@100°F:</b>	81.2

### SECTION 10 – STABILITY AND REACTIVITY

<b>REACTIVITY:</b>	This material is chemically stable.
<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>	Excessive heat, ignition sources.
<b>INCOMPATIBLE MATERIALS:</b>	Avoid oxidizers or oxidizing materials.

### 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.



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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: Small amounts of liquid entering the lungs during ingestion or vomiting can cause chemical pneumonitis or pulmonary edema.

\*Specific Target Organ Toxicity

SECTION 12 – ECOLOGICAL INFORMATION

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

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.

UN PROPER SHIPPING NAME:	DOT NON-REGULATED – COASTALUBE®
TRANSPORT HAZARD CLASS AND LABEL:	NON-REGULATED
UN/NA NUMBER:	N/A
HARMONIZED CODE/TARIFF CODE	3902.90.0050
PACKAGING SIZE:	55-Gallon Drums, or 275/550-Gallon Tanks
REPORTABLE QUANTITY:	None

SECTION 15 – REGULATORY INFORMATION

SARA 311 CATEGORIES:

EPA ACUTE:	No
EPA CHRONIC:	No
EPA IGNITABILITY:	No
EPA REACTIVITY:	No
EPA SUDDEN RELEASE OF PRESSURE:	No
CERCLA RQ VALUE:	None under CERCLA but check individual State Regulations.
SARA TPQ:	None
SARA RQ:	None



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<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>	1
<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:** N/A NOT APPLICABLE  
> = GREATER THAN OR EQUAL TO

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

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

**DISCLAIMER:**

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