



**Safety Data Sheet**  
**ENVIROKLEAN 2000®**

**SECTION 1 – IDENTIFICATION**

**PRODUCT NAME:** ENVIROKLEAN 2000® - EK-2000®  
**EFFECTIVE DATE:** May 2018  
**CHEMICAL FAMILY:** Compound Cleaning Liquid  
**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**

**SECTION 2 – HAZARD IDENTIFICATION**

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

**LABELLING:**

**Symbol** – No Symbol

**Signal Word** - Warning

**Hazard Statement** – May Cause Eye or Skin 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, and protective gloves. Persons with pre-existing skin disorders may experience slight irritation.

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

<b>HAZARDOUS INGREDIENT</b>	<b>PERCENT</b>	<b>CAS NUMBER</b>	<b>OSHA PEL</b>
THIS PRODUCT IS NOT CONSIDERED HAZARDOUS AS PER 29CFR 1910.1200.			

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:**

Clear blue/purple liquid; Mild odor

**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.

**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.

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

**OSHA REGULATED:** Not regulated.

**LISTED CARCINOGEN:** NTP - Not classified. 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.

**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:** Non-Flammable Material.

**EXTINGUISHING MEDIA:** Water fog or spray, dry powder or Carbon Dioxide (CO<sub>2</sub>).

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

**LOWER FLAME LIMIT:** NA

**HIGHER FLAME LIMIT:** NA

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Containers may explode from internal pressure if confined to fire. Cool with water.

**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

**SPILL:** In case of spill, if product cannot be 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.

**RCRA STATUS:** Not a Characteristic or Listed RCRA 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.



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**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 with faceshield if splashing is possible.

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

**PROTECTIVE GLOVES:** Wear impervious gloves, preferably nitrile or neoprene.

**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:** None established for this Product.

**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>	Clear blue/purple liquid; mild odor
<b>ODOR THRESHOLD:</b>	ND
<b>pH:</b>	8.5-10.3
<b>MELTING POINT:</b>	ND
<b>FREEZING POINT:</b>	32°F
<b>BOILING POINT:</b>	ND
<b>FLASHPOINT:</b>	Non-flammable
<b>EVAPORATION RATE:</b>	ND
<b>FLAMMABILITY (SOLID, GAS):</b>	NA
<b>UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:</b>	NA
<b>VAPOR PRESSURE:</b>	Similar to water
<b>VAPOR DENSITY (AIR = 1):</b>	>1
<b>RELATIVE DENSITY</b>	8.41 lbs/gal



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<b>SPECIFIC GRAVITY</b>	1.01 g/CC
<b>SOLUBILITY IN WATER:</b>	Complete
<b>PARTITION COEFFICIENT: N-OCTANOL/WATER</b>	ND
<b>AUTO-IGNITION TEMPERATURE</b>	ND
<b>DECOMPOSITION TEMPERATURE</b>	ND
<b>VISCOSITY</b>	ND

#### 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.
<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.

**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.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

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



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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 – ENVIROKLEAN 2000®
TRANSPORT HAZARD CLASS AND LABEL: NON-REGULATED
UN/NA NUMBER: N/A
HARMONIZED CODE/TARIFF CODE: 3402.19
PACKAGING SIZE: 5-Gallon Pails; 55-Gallon Drums; 220/275/550-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
EPA HAZARD WASTE#: None
CLEAN AIR: N/A
CLEAN WATER: N/A
SARA SECTION 313: No
NFPA HEALTH: 1
NFPA FLAMMABILITY: 0
NFPA REACTIVITY: 0
DEA Chemical Trafficking Act: N/A
TSCA STATUS: All ingredients in this product are on the TSCA Inventory List.

SECTION 16 – OTHER INFORMATION

FOOT NOTES: N/A NOT APPLICABLE ND – NO DATA AVAILABLE
> = GREATER THAN OR EQUAL TO < = 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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### **ENVIROKLEAN 2000®**

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