



Safety Data Sheet

SECTION 1 – IDENTIFICATION

PRODUCT NAME:	LUBRA-GLIDE®
EFFECTIVE DATE:	May 20, 2015
CHEMICAL FAMILY:	Drilling Fluid Additive
USAGE:	Friction Reducer
FORMULA:	Proprietary Co-Polymer Inert Composition
MANUFACTURER:	SUN DRILLING PRODUCTS CORP. 503 Main Street Belle Chasse, LA 70037

Emergency Phone Number: 306-634-3411

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 particulate irritation. Use eye protection, close-fitting safety glasses or goggles, suitable to prevent direct eye contact with product.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	PEL
THIS PRODUCT IS NOT CONSIDERED HAZARDOUS AS PER 29CFR 1910.1200.			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 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.

LUBRA-GLIDE CO-POLYMER BEADS (FINE & COARSE)

Safety Data Sheet[®]

EMERGENCY OVERVIEW

APPEARANCE/ODOR:

Clear to white bead/Mild Odor

SHORT TERM EXPOSURE

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

EYES: Slight to moderate mechanical irritant on direct contact.

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

INHALATION: No adverse effects with normal use.

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 – 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: Auto ignition >500° C

EXTINGUISHING MEDIA: Water, Foam Dry Agent

DECOMPOSITION PRODUCTS: Nitrogen and Carbon Oxides

LOWER FLAME LIMIT: NA

HIGHER FLAME LIMIT: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

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 collected by sweeping or vacuum and reused, dispose of in accordance with applicable regulations. Product as sold would be a nonhazardous solid industrial waste. Avoid spillage into drains, surface, and ground water.

RCRA STATUS: Not regulated.

LUBRA-GLIDE CO-POLYMER BEADS (FINE & COARSE)

Safety Data Sheet[®]

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 or dust hazards.

HANDLING AND STORAGE: No special storage requirements. Provide sufficient general ventilation during and after application. Close container after each use to prevent contamination. 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 close-fitting safety glasses, goggles or safety glasses with faceshield to prevent particles from contacting eye and causing particulate irritation.

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

PROTECTIVE GLOVES: Wear impervious gloves.

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

APPEARANCE/ODOR:	Solid- clear to white beads/ Slight Odor
BOILING POINT:	N/A
FREEZING POINT:	N/A

LUBRA-GLIDE CO-POLYMER BEADS (FINE & COARSE)

Safety Data Sheet[®]

FLASHPOINT:	N/A
VAPOR PRESSURE:	N/A
VAPOR DENSITY (AIR = 1):	N/A
SPECIFIC GRAVITY	1.06
pH:	N/A
SOLUBILITY IN WATER:	Insoluble

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
HAZARDOUS POLYMERIZATION:	Will Not Occur.
CONDITIONS TO AVOID:	None known.
INCOMPATIBILITY:	Avoid strong oxidizing substances.

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: Beads may be a mechanical irritant to eyes on direct contact.

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: N/A

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 nonhazardous per RCRA.

LUBRA-GLIDE CO-POLYMER BEADS (FINE & COARSE)

Safety Data Sheet[®]

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.

PROPER SHIPPING NAME:	DOT	NON-REGULATED	–	LUBRA-GLIDE	CO-
POLYMER		BEADS[®]			
REPORTABLE QUANTITY:	None				
HAZARD CLASS AND LABEL:	None				
UN/NA NUMBER:	N/A				
HARMONIZED CODE/TARIFF CODE	3903.9000.00				
PACKAGING SIZE:	50# Bag or 2000# Super Sacks				

SECTION 15 – REGULATORY INFORMATION

SARA 311 CATEGORIES:

EPA ACUTE:	Yes (Eyes – solid irritant)
EPA CHRONIC:	No
EPA IGNITABILITY:	No
EPA REACTIVITY:	No
EPA SUDDEN RELEASE OF PRESSURE:	No
CERCLA RQ VALUE:	None
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.

This product is exempt from registration on the following national and international inventories, based on its characterization as an “article”. The definition of article used in this characterization can be found in the text of each.

- **Canada DSL Exemption**
Section 3.2, 3.2.2
- **US EPA TSCA**
40CFR Section 720.22(b)(1)
- **REACH (European Chemicals Agency)**
IDENTIFICATION AND NAMING OF SUBSTANCES UNDER REACH

**LUBRA-GLIDE CO-POLYMER BEADS
(FINE & COARSE)**

Safety Data Sheet
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AND CLP 1.2 SCOPE

SECTION 16 – OTHER INFORMATION

FOOT NOTES: N/A NOT APPLICABLE
> = GREATER THAN

ND – NO DATA AVAILABLE
< = LESS THAN

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

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