

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	EARTH PRO QUICK LUBE
OTHER MEANS OF IDENTIFICATION:	Quick Lube
RECOMMENDED USE:	Drilling fluid additive
RESTRICTIONS ON USE:	None known
SUPPLIER IDENTIFIER:	Di-Corp 8750-53 Ave Edmonton, AB T6E 5G2 780-440-4923
EMERGENCY PHONE NUMBER 24 hr:	780-468-4064

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Eye irritation – Category 2 Carcinogenicity – Category 1 Reproductive toxicity – Category 2 STOT – RE – Category 2
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LABEL SYMBOL:



SIGNAL WORD:

DANGER

CLASSIFICATION INFORMATION:

Causes serious eye irritation.
May cause cancer.
May damage the unborn child.
Causes damage to organs (adrenal, bone marrow, kidneys, liver, lymphatic system, stomach, thymus) through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:

PREVENTION

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe fume/mist/vapour/spray.
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.

STORAGE

Store locked up.

DISPOSAL

Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

OTHER HAZARDS:

Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION (w/w)
Benzenesulfonic acid, C ₁₀₋₁₃ -alkyl derivs., sodium salts	68411-30-3	1 – 5%
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	1 – 5%
Benzenesulfonic acid, C ₁₀₋₁₄ -alkyl derivs., sodium salts	69669-44-9	1 - 5%

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	If irritation occurs, before breaks and when shift ends wash thoroughly with soap and water. If irritation develops and persists seek medical attention.
EYE CONTACT:	Flush with gently flowing warm water for minimum 15 minutes. Obtain medical attention when flushing is complete.
INGESTION:	No first aid required for incidental ingestion of small amounts of product. If large amount swallowed, rinse mouth and give 1 – 2 glasses of water. If symptoms develop obtain medical attention. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Move to fresh air. If breathing difficulties continue, obtain medical attention. If breathing difficulties, or distress, continue obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	Contains ingredient(s) classified as severe eye irritant.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, foam, in preference to a water spray.
UNSUITABLE EXTINGUISHING MEDIA:	None.
SPECIFIC FIRE HAZARDS:	Will burn in fire conditions.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon, oxides of sulfur.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move containers from fire area, or cool with water spray, if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Stop leak if possible to do so without risk.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Large Spills: Dike to prevent spread of spilled material; collect spilled material by vacuum. Soak up remaining spilled material and small spills with absorbent material. Collect uncontaminated material for repackaging. Collect contaminated material and absorbent in approved containers for disposal.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Remove contaminated clothing; launder or dry-clean before reuse. Cleanse skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by washing thoroughly with soap and water.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry location away from oxidizers and ignition sources. Keep container tightly closed when not in use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT

Benzenesulfonic acid, C₁₀₋₁₃-alkyl derivs., sodium salts

Distillates (petroleum), hydrotreated heavy naphthenic

Benzenesulfonic acid, C₁₀₋₁₄-alkyl derivs., sodium salts

EXPOSURE LIMITS

Not available

ACGIH TLV TWA = 5 mg/m³/8hr (inhalable fraction)

Not available

ENGINEERING CONTROLS:

If user operations generate fumes, mist or vapour, use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

RESPIRATORY PROTECTION:

PERSONAL PROTECTIVE MEASURES

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

PROTECTIVE GLOVES:

Rubber gauntlets recommended.

EYE PROTECTION:

Chemical goggles recommended.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

Protective clothing as required to prevent contact. Ensure eyewash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Light yellow liquid

ODOUR:

Virtually odourless

ODOUR THRESHOLD:

Not applicable

pH:

Not available

MELTING POINT / FREEZING POINT:

Not available

BOILING POINT / RANGE:

Not available

FLASH POINT:

>315°C

EVAPORATION RATE:

Not available

FLAMMABILITY:

Combustible

FLAMMABILITY / EXPLOSIVE LIMITS:

Not available

VAPOUR PRESSURE:

Not available

VAPOUR DENSITY:

Not available

RELATIVE DENSITY:

Not available

SOLUBILITY:

Insoluble in water

PARTION COEFFICIENT:

Not available

AUTO-IGNITION TEMPERATURE:

Not available

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	No known dangerous reactions under normal conditions of use.
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	None known.
CONDITIONS TO AVOID:	Not available.
INCOMPATIBLE MATERIALS:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENT	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
Benzenesulfonic acid, C ₁₀₋₁₃ -alkyl derivs., sodium salts	404 mg/kg (rat)	Not available	Not available
Distillates (petroleum), hydrotreated heavy naphthenic	>5000 mg/kg (rat)	Not available	Not available
Benzenesulfonic acid, C ₁₀₋₁₄ -alkyl derivs., sodium salts	Not available	Not available	Not available

SKIN CONTACT:	Prolonged or repeated contact may result in dermatitis.
EYE CONTACT:	May cause irritation.
INGESTION:	Low oral toxicity. No effects expected.
INHALATION:	Little risk for normal conditions of use. Mist, or vapours from heated solution, may cause irritation of the respiratory tract.
CARCINOGENICITY:	Contains an ingredient which may cause cancer.
REPRODUCTIVE TOXICITY:	Contains an ingredient(s) which may cause harm to unborn child.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY	No information available.
PERSISTENCE AND DEGRADABILITY:	No information available.
BIOACCUMULATIVE POTENTIAL:	No information available.
MOBILITY IN SOIL:	No information available.
OTHER ADVERSE EFFECTS:	No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal. Empty packages should be taken for local recycling, recovery or waste disposal: Check with local waste operator.

SECTION 14: TRANSPORTATION INFORMATION

TDG:	Not regulated
DOT:	Not regulated
IATA:	Not regulated

IMDG:	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable
SPECIAL PRECAUTIONS:	Not applicable

SECTION 15: REGULATORY INFORMATION

DSL:	All ingredients are on the DSL.
WHMIS 1988 CLASSIFICATION:	D2B; D2A
TSCA:	All components are listed on the inventory or are exempt.

SECTION 16: OTHER INFORMATION

REVISION DATE:	June 4, 2018
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