

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **RDO 302 ES**
OTHER MEANS OF IDENTIFICATION: None
RECOMMENDED USE: Drilling Lubricant
RESTRICTIONS ON USE: None
SUPPLIER IDENTIFIER: **Jentech Drilling Services**
2815 W Houston Ave
Apache Junction, AZ 85120

EMERGENCY PHONE NUMBER: 775-424-3045

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Not hazardous according to HAZCOM 2012.
LABEL SYMBOLS: Not applicable
SIGNAL WORD: Not applicable
HAZARD STATEMENTS: Not applicable
OTHER HAZARDS: None known.
PRECAUTIONARY STATEMENTS: Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
	Contains no hazardous ingredients.	

SECTION 4: FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing and wash exposed skin thoroughly with soap and water. If irritation develops and persists obtain medical attention.

EYE CONTACT: Immediately flush with gently flowing warm water for 5 minutes or until irritation ceases. If irritation persists, obtain medical attention.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention if symptoms develop or large quantity is swallowed. Never give anything by mouth if patient is unconscious, rapidly losing consciousness or convulsing.

INHALATION: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain immediate medical attention.

MOST IMPORTANT SYMPTOMS / EFFECTS: If on skin: May cause irritation, redness, swelling or dermatitis.

IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical or foam.
UNSUITABLE EXTINGUISHING MEDIA:	None known.
SPECIFIC FIRE HAZARDS:	While not considered flammable this product may be combustible under fire conditions.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon and products of incomplete combustion.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Cool containers with water spray or move from fire area if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Prevent further leakage or spillage if safe to do so.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Scoop up spilled material or soak up with absorbent material (eg sawdust). Collect uncontaminated material for repackaging. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area thoroughly until non-slippery.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling. Launder contaminated clothing before reuse. Keep containers closed when not in use.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from oxidizers. Keep away from heat and sources of ignition.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Not available.
ENGINEERING CONTROLS:	Not required under normal conditions of use.
PERSONAL PROTECTIVE MEASURES	
RESPIRATORY PROTECTION:	Not required under normal conditions of use.
PROTECTIVE GLOVES:	Rubber gloves recommended.
EYE PROTECTION:	Safety glasses with side-shields or chemical goggles.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Not available
ODOUR:	Oily
ODOUR THRESHOLD:	Not available
pH:	7.0 – 7.3
MELTING POINT / FREEZING POINT:	-30°C (melting)
BOILING POINT / RANGE:	300°C

FLASH POINT:	>279°C
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not available
FLAMMABILITY / EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	1.3 hPa @ 20°C
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.907
SOLUBILITY:	Not available
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive under normal conditions of storage or use.
CHEMICAL STABILITY:	Stable under normal conditions of storage or use.
POSSIBILITY OF HAZARDOUS REACTIONS:	Polymerization will not occur
CONDITIONS TO AVOID:	Elevated temperatures or fire conditions.
INCOMPATIBLE MATERIALS:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and oxides of sulfur on combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Oral LD50 > >5000 mg/kg
SKIN CONTACT:	There is limited evidence of mild irritation.
EYE CONTACT:	Not an eye irritant.
INGESTION:	No effects expected from swallowing small amounts.
INHALATION:	No effects expected under normal conditions of use.
CARCINOGENICITY:	Not known to cause cancer.
TERATOGENICITY:	No information available.
REPRODUCTIVE TOXICITY:	No information available.
MUTAGENICITY:	No information available.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not harmful to aquatic life, based on acute toxicity tests.
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/incinerate in accordance with federal, state 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. This product may be suitable for disposal by land fill; check with local 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 listed on the DSL.
WHMIS CLASS:	Not controlled
TSCA:	All ingredients are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

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