

# SAFETY DATA SHEET

According to REACH, Commission Regulation (EU) 2015/830 of 28 May 2015

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	<b>Functional RD-535CP</b>
Chemical Family	Lubricant Additive
Product Use	Rock Drilling Oil Additive
CAS Registry Number	Mixture
Revision Date	May 17, 2019

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## Section 2: HAZARDS IDENTIFICATION

### GHS Classification

Eye damage/ Eye Irritation: Category 2B.

Skin Irritation: Category 2.

Inhalation: Category 5

Oral: Category 4

GHS Label Elements

Signal Word: Warning



### Hazard Statements

H320- Causes eye irritation. H315 - Causes skin irritation. H333 - May be harmful if inhaled.  
H302- Harmful if swallowed.

### Precautionary Statements

#### Prevention

P280- Wear protective gloves/protective clothing/eye protection.  
P264- Wash thoroughly after handling.

#### Response

P305 + P351 + P338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 – If eye irritation persists: Get medical advice/attention.  
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 – If skin irritation occurs: get medical/attention.

#### Disposal

P501 – Dispose of contents/container in accordance with local / regional / national / international regulations.

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## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

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Substance / Preparation	% (w/w)	CAS #
Olefin Sulfide	42.0 – 49.0	Proprietary
Phosphoric Acid Esters, Amine Salt	7.0 – 14.0	Proprietary
Alkyl aryl Amine	3.5 – 7.0	Proprietary
Alkylated Triazole	4.0 – 6.0	Proprietary
Hydrocarbon Polymer	1.5 – 2.0	Proprietary
Vegetable Oil	18.0 – 19.0	120962-03-0

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## Section 4: FIRST-AID MEASURES

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Inhalation:	If inhaled, remove to fresh air. Get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion:	If affected person is conscious, give plenty of water to drink. Never give anything to drink to an unconscious person. Get medical attention if symptoms appear.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops.
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

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## Section 5: FIRE-FIGHTING MEASURES

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Flash Point: 115 °C / 240°F (COC)  
Extinguishing Media: In case of fire use CO<sub>2</sub>, foam or dry chemicals.  
Hazardous Combustion Products: Vapor may cause flash fire. Container may rupture on heating.  
Fire Fighting Procedures: Recommended to wear self-contained breathing apparatus and full protective gear.

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## Section 6: ACCIDENTAL RELEASE MEASURES

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Personal Precautions: Personal Protective Equipment must be worn. Keep unnecessary personnel away.

Environmental Precautions and Clean- Up Methods: Spills should be contained, absorbed and containerized for disposal in accord with local, state and federal regulations. Do not flush into surface water, sanitary sewer or ground water system.

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## Section 7: HANDLING AND STORAGE

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Handling: Keep away from potential source of ignition. Wash thoroughly after handling. Open container in a well ventilated area. Avoid breathing vapors.

Storage: Store in well ventilated areas in maximum 45°C / 113°F temperatures.

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## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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Ventilation Use with adequate ventilation.

Hands Use chemical resistant nitrile or neoprene gloves.

Eyes Use safety glasses, goggles or face mask.

Clothing Long sleeve shirt is recommended.

Respiratory Use appropriate respiratory protection if there is the potential for overexposure to fumes.

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## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: Clear Liquid

Color: Amber

Odor: Mild

Specific Gravity: 0.98 @ 15.6°C

Solubility: Insoluble in water

Flash Point: 115 °C / 240°F (COC)

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## Section 10: STABILITY AND REACTIVITY

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Stability: The product is stable.

Incompatibility: Oxidizing agents.

Conditions to avoid: High temperatures, spark, and open flames.

Polymerization: Will not occur.

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**Section 11: TOXICOLOGICAL INFORMATION**

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**ACUTE EXPOSURE**

Oral Toxicity: No data available  
Eye Irritation: No data available  
Skin Irritation: No data available  
Dermal Toxicity: No data available  
Inhalation Toxicity: No data available

**CHRONIC EXPOSURE**

Chronic Toxicity: No data available  
Carcinogenicity: No data available  
Teratogenicity: No data available  
Reproductive Toxicity: No data available

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**Section 12: ECOLOGICAL INFORMATION**

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Environmental Hazards: No data available  
Environmental Fate: No data available  
Fish Toxicity: No data available  
Algae Toxicity: No data available  
Bacteria Toxicity: No data available

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**Section 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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**Section 14: TRANSPORTATION INFORMATION**

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U.S DOT Bulk Not regulated  
U.S. DOT Non-Bulk Not regulated  
IMDG Code Not regulated  
ICAO Not regulated  
ADR/RID Hazard Class Not regulated

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**Section 15: REGULATORY INFORMATION**

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U.S. TSCA Inventory: Yes  
Other TSCA Reg.: No  
SARA EXT. HAZ. SUBS: No  
SARA Section 313: No  
CERCLA: No  
CAL. PROP. 65: No

Japan MITI:	Listed - MITI
Australia:	Listed - AICS
Europe:	Listed - EINECS Polymers are exempt from EINECS inventory under the polymer exemption.
China	Listed - IECSC
Canada	Listed - DSL WHMIS – not controlled.
Korea	Listed - KECI
New Zealand	Listed - NZIoC
Philippines	Listed - PICCS

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## Section 16: OTHER INFORMATION

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NFPA Code	Health: 1	Fire: 1	Reactivity: 0
HMIS Code	Health: 1	Fire: 1	Reactivity: 0

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