

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** R & O 32, 46, 68, 100, 150, 220, 320, 460 (Compressor)

**PRODUCT LABEL:** H-D Plus

**STOCK NUMBER:** BO2015, BD2015, BP2015, PP3561  
BO1012, BD1012, BP1012  
BO1032, BD1032, BP1032, PP3588  
BO1088, BD1088, BP1088  
BO1019, BD1019, BP1019  
BO2153, BD2153  
BO2242, BD2242  
BO3057, BD3057

## Supplier Information:

Moraine Liquid Technologies, Ltd  
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## Manufacturers Information:

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<u>MATERIAL</u>	<u>CAS #</u>	<u>% BY WEIGHT</u>
Petroleum Lubricating Mineral Oil	64742650	95.0 - 99.0
Additive	Proprietary	1.00 - 5.00

## SECTION 1 -- HAZARDOUS INGREDIENTS

This material does not contain any chemical listed as a carcinogen or potential carcinogen by OSHA, IARC Monographs, or National Toxicology Program.

## SECTION 2 -- FIRE AND EXPLOSION HAZARDS

FLASH POINT: 380° F minimum (CLEVELAND OPEN CUP) LOWER EXPLOSIVE LIMIT: Not determined.  
UPPER EXPLOSIVE LIMIT: Not determined.

EXTINGUISHING MEDIA: CO2, dry chemical, foam, water spray, water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face piece.

## SECTION 3 -- HEALTH HAZARDS DATA

ORAL TOXICITY: Greater than 5000 mg/kg in rats. Based on data from components.

EYE IRRITATION: Not expected to cause eye irritation. Based on data from components.

SKIN IRRITATION: Not expected to cause skin irritation. Based on data from components.

TLV: None established. Oil mist = 5mg/m<sup>3</sup>.

**\*\*EMERGENCY FIRST AID PROCEDURES**

SKIN: Wash with soap and water.

EYES: Flush with water for 15 minutes.

INHALATION: Remove to fresh air. See physician if irritation persists.

ORAL: Call a physician. Do not induce vomiting.

**SECTION 4 – SPECIAL PROTECTION INFORMATION**

VENTILATION: Mechanical ventilation recommended.

EYE PROTECTION: Safety glasses.

GLOVES: Neoprene or nitrile rubber gloves recommended.

**SECTION 5 – PHYSICAL DATA**

VAPOR PRESSURE: Not Determined.

SPECIFIC GRAVITY: .875 Approximately.

PERCENT VOLATILE: Not Determined.

EVAPORATION RATE: Not Determined.

APPEARANCE: Amber Liquid.

pH: Not Determined.

WATER SOLUBILITY: Insoluble.

VAPOR DENSITY: Not Determined.

ODOR: Mild.

**SECTION 6 – STABILITY**

STABILITY: Stable.

INCOMPATIBILITY: Oxidizing agents.

POLYMERIZATION: Will not occur.

THERMAL DECOMPOSITION: Oxides of carbon.

**SECTION 7 – SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. Follow all government regulations.

**SECTION 8 – TRANSPORTATION AND LABELING**

DOT PROPER SHIPPING NAME: Not Applicable.

DOT TECHNICAL NAME: Not Applicable.

**SECTION 9 – SPECIAL PRECAUTIONS**

HANDLING: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

**NFPA RATINGS - HEALTH: 1      FLAMMABILITY: 1      REACTIVITY: 0**

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