



## MATERIAL SAFETY DATA SHEET

1/3/2017

### Section 1 – Product Identification

Product Name: "Equal 280 Routine Valve Maintenance Lubricant" (EQ280)

Product Type: Valve Lubricant

### Section 2 – Hazardous Ingredients / Identity Information

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>%</u>	<u>Exposure Limits</u>
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#### Special Hazard Designations

DOT (49CFR172) Not regulated

OSHA (29CFR1910.1200) Evaluation: Non-hazardous

RCRA (40CFR261) Evaluation: Non-hazardous

EPA/TSCA Listed Ingredients: None

### Section 3 – Physical / Chemical Characteristics

Boiling Point: N/A

Appearance/Odor: White/Slight Odor

Vapor Pressure (mm Hg): N/A

Specific Gravity (H<sub>2</sub>O = 1): 1.12

Vapor Density (Air=1) N/A

Melting Point: None

Solubility in Water: Insoluble

Evaporation Rate (Butyl Acetate = 1) N/A

### Section 4 – Fire and Explosion Hazard Data

Flash Point (C.O.C.): 550°F

Flammable Limits-Lower N/A Upper: N/A

Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, & Sand

Special Fire Fighting Procedures: Standard fireman's protection and self-contained breathing apparatus

Unusual Fire and Explosion Hazards: Water may cause frothing

### Section 5 – Reactivity Data

Stability: Material is stable Incompatibility (materials to avoid): Strong Oxidizing agents

Hazardous Decomposition Products: Oxides of Carbon when burned

Hazardous Polymerization: Will not occur

### Section 6 – Health Hazard Data

Signs and Symptoms of Exposure:

Eyes: Mechanical irritant, prolonged exposure may cause irritation

Inhalation: No effects known Ingestion: Moderately irritating by ingestion

Skin: In contact with the skin product acts as slight local irritant and allergen

Medical Conditions Generally Aggravated by Exposure: None Known

Emergency and First Aid Procedures:

Eyes: Flush eyes with water for 15 minutes while holding eyelids open. If irritation persists get medical attention.

Inhalation: First aid not anticipated to be needed

Ingestion: If ingested get medical attention

Skin: Wash thoroughly with soap and water, launder soiled clothing before reuse.

Section 7 – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Attempt to recover. Pick up small spills with shovel or spatula.

Waste Disposal Method: Comply with all governmental regulations

Precautions to be taken in Handling and Storage: Do not store containers in direct sunlight; keep containers away from excessive heat.

Section 8 – Control Measures:

Respiratory Protection (Specify Type): none expected to be required

Ventilation – Local Exhaust: Applicable

Protective Gloves: Neoprene Coated Gloves

Eye Protection: Safety Glasses

Work/Hygienic Practices: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking or leaving work area

NFPA:

Health : 0

Flammability 1

Reactivity 0

Health Hazards: (chronic) None Known

Carcinogenity: NPT: No IARC Monographs: No OSHA Regulated: No

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR1910.1200). The information herein is given in good faith, but no warranty, expressed or implied, is made. Consult CSN Solutions, Inc. for further information at 713-703-8561.