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# SDS

Safety Data Sheet

7-28-2022

## Dispersing Valve Cleaner

### Section 1 - Product Identification

Product Name: Dispersing Valve Cleaner

Product Part Number: DVC

Product Type: Cleaner / Flush

Chemical family: Mixture: Proprietary Synthetic Oils, Imidazoline and Diester Derivative Additives. • Contains NO Solvents •

#### Recommended use of the chemical and restrictions on use:

Application \_\_\_\_\_ Valve Cleaner / Flush - Use Only as Intended.

Uses advised against \_\_\_\_\_ DO NOT use this material in oxygen service.

#### Details of the supplier of the safety data sheet:

##### Manufacturer:

DUALCO, Inc.

8404 Braniff, Houston, Texas 77061

Telephone: 713-644-1164 Website: dualco-inc.com

#### Emergency Telephone Number:

Emergency Telephone \_\_\_\_\_ 713-644-1164

### Section 2 - Hazardous Identification

#### Classification of the Chemical

Appearance / Odor: Green / Slight Odor

#### Hazardous Ingredients:

None known under normal conditions.

#### Special Hazard Designations

DOT (49 CFR 172) Not regulated

OSHA (29 CFR 1910.1200) Evaluation: Non hazardous

RCRA (40 CFR 261) Evaluation: Non hazardous

EPA/TSCA Listed Ingredients: None

#### Label Elements

##### Hazard Pictogram(s)

None required under U.S. OSHA HazCom 2012 and Canadian WHMIS 2015 regulations.

**Signal Word:** None required

**Hazard Statement(s):** None required

**Precautionary Statement(s):** None required

##### Other Hazards

Other hazards which do not result in classification:

Burning produces obnoxious and toxic fumes. May be mildly irritating to eyes and skin. Ingestion can cause gastrointestinal irritation. If ingested get medical attention. For more see **Toxicological Information**, Section 11.

# Dispersing Valve Cleaner

## Section 3 - Composition / Information on Ingredients

### Mixtures

Proprietary Synthetic Oils, Imidazoline and Diester Derivative Additives.

• Contains NO Solvents •

The exact details of the above listed chemicals are being withheld as a trade secret.

NFPA Codes	
Health	0
Flammability	1
Reactivity	0

## Section 4 - First Aid Measures

### First Aid Measures

#### General information:

If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

#### Eye Contact:

Remove any contact lenses.

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. If irritation occurs, move to fresh air. If breathing has stopped, give artificial respiration and get medical attention immediately.

#### Ingestion:

If ingested get medical attention. Do not induce vomiting. Wash out mouth with water.

Get medical attention if nausea or stomach pains occur.

#### Skin Contact:

Wash thoroughly with soap and water, launder soiled clothing before reuse. Get medical attention if irritation occurs. High pressure injection under skin requires immediate medical attention.

### Most important symptoms and effects, both acute and delayed:

**Eyes** – Mechanical Irritant, prolonged exposure may cause irritation. Under normal conditions of use, expect to cause no more than minor, if any, eye irritation based data from components.

**Inhalation** – No effects known. Not expected to be acutely toxic by inhalation.

**Ingestion** – Moderately irritating by ingestion.

**Skin** – In contact with skin, product may act as a slight local irritant and allergen. Under normal conditions of use, no adverse health effects are expected upon short term contact.

**Medical Conditions Generally Aggravated by Exposure:** None Known.

## Dispersing Valve Cleaner

### Section 5 - Fire Fighting Measures

#### Extinguishing Media

- **Appropriate Extinguishing Media:**  
Foam, Carbon Dioxide, Dry Chemical, & Sand
- **Inappropriate Extinguishing Media:**  
DO NOT use water jet as an extinguisher, as this will spread the fire.  
Use water spray to cool containers only.

#### Specific Hazards

**Combustion Products:**

Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.

**Unusual Fire and Explosion Hazards:**

Water may cause frothing. Will not flash spontaneously. May ignite if exposed to open flame.

Flash Point (C.O.C.): \_\_\_\_\_ 460° F.

Flammable Limits: \_\_\_\_\_ Lower: N/A, Upper: N/A

#### Advice for Firefighters

**Protective actions during firefighting:**

Avoid breathing fire gases or vapors. Evacuate area.

**Special protective equipment for firefighters:**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection.

### Section 6 - Accidental Release Measures

**Personal Protective Measures:**

No specific recommendations. For personal protection, see Section 8.

**Environmental Precautions:**

**Steps to be taken in case material is released or spilled:** Attempt to recover. Pick up small spills with shovel or spatula. Clean small residue amount with soap and water. Clean large amount with suitable oil absorbent. Keep material out of sewers and waterways. Advise appropriate authorities if large amount of product enters waterways or large land areas.

**Waste Disposal Method:**

Comply with all governmental regulations.

## Dispersing Valve Cleaner

### Section 7 - Handling and Storage

#### Precautions for Safe Handling

**Usage Precautions:**

**Accidental release or spills:** attempt to recover. Pick up small spills with shovel or spatula.

**Waste Disposal Method:** Comply with all governmental regulations.

**Advice on General Occupational Hygiene:**

Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking or leaving work area.

**Storage Precautions:**

**DO NOT** store containers in direct sunlight; keep containers away from excessive heat, and in a cool dry place. Store below 140° F.

**Keep away** from strong acids and oxidizers.

### Section 8 - Exposure Controls / Personal Protection

#### Exposure Limits

STEL 10 (Recommended)

#### Exposure Controls

**Appropriate Engineering Controls:** Ventilation – Local Exhaust: Acceptable.

**Protective Equipment:**

**Eye/Face Protection:**

Eye-wear complying with an approved standard are a minimum level of protection. Personal protective equipment for eye and face protection should comply with OSHA 1910.133. The following protection should be worn: Chemical splash goggles.

**Hand Protection:**

Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection:** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**Other Skin and Body Protection:**

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

## Dispersing Valve Cleaner

### Section 9 - Physical and Chemical Properties

**Note:** Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

**General Information:**

Physical State: _____	Pour-able liquid
Color: _____	Green
Odor: _____	Slight
Odor Threshold _____	Not Applicable

**Basic Physical and Chemical Properties:**

pH: _____	Not Applicable
Melting Point: _____	None
Boiling Point: _____	Not Applicable
Flash Point (C.O.C.): _____	< 600° F
Evaporation Rate (Butyl Acetate = 1): _____	Not Applicable
Flammability (solid, gas); _____	Non-Flammable
Upper/lower flammability or explosive limits: _____	Not Applicable
Vapor pressure: _____	Not Applicable
Vapor density: _____	Not Applicable
Relative density: _____	Not Applicable
Solubilities: _____	Soluble in alcohols and petroleum distillates Insoluble in water
Partition coefficient: _____	Not Applicable
Auto-ignition temperature: _____	Not Applicable
Decomposition Temperature: _____	Not Applicable
Viscosity: _____	Pour-able liquid
Specific Gravity (H <sub>2</sub> O = 1 ): _____	0.96

### Section 10 - Stability And Reactivity

**Reactivity:**

There are no known reactivity hazards associated with this product.

**Chemical Stability:**

Material is chemically stable.

**Change in Physical Appearance:**

No potential hazards known under normal conditions. Hazardous polymerization will not occur under normal conditions.

**Conditions to Avoid:**

Extreme heat.

**Materials to Avoid:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Oxides of Carbon when burned.

## Dispersing Valve Cleaner

### Section 11 - Toxicological Information

#### Likely Routes of Exposure:

**Eyes** – Yes, Mechanical Irritant, prolonged exposure may cause minor irritation, under normal conditions of use.

**Inhalation** – Not Likely.

**Ingestion** – Not Likely.

**Skin** – Yes, product may act as a slight local irritant and allergen. Under normal conditions of use, no adverse health effects are expected with short term contact.

#### Toxicological Effects

Acute Toxicity - Oral (oral LD <sub>50</sub> ) _____	>5000mg/Kg
Acute Toxicity - Dermal (dermal LD <sub>50</sub> ) _____	No Data
Acute Toxicity - Inhalation (inhalation LC <sub>50</sub> ) _____	No Data
Corrosivity _____	Not Applicable
Sensitization _____	Not Applicable

#### Germ Cell Mutagenicity/Carcinogenicity

Carcinogenicity _____	Not classifiable as a human carcinogen.
IARC carcinogenicity _____	None of the ingredients are listed or exempt.
IARC Monographs _____	No
OSHA Regulation _____	No
NTP _____	No

### Section 12 - Ecological Information

#### Eco-toxicity:

Not regarded as hazardous for the environment. Biodegradable.

### Section 13 - Disposal Considerations

Disposal should be in accordance with Federal, State and Local Regulations.

### Section 14 - Transport Information

Material is non-hazardous – not regulated by DOT or IMDG.  
Material is not dangerous or hazardous for transport by IATA.

## Dispersing Valve Cleaner

### Section 15 - Regulatory Information

#### State Regulations

Massachusetts Right to Know \_\_\_\_\_ No ingredients listed  
 New Jersey Right to Know \_\_\_\_\_ No ingredients listed  
 Pennsylvania RTK Hazardous Substances \_\_\_\_\_ No ingredients listed  
 United States inventory (TSCA) \_\_\_\_\_ All ingredients listed or exempt.

#### US Regulations

No ingredient in this product is subject to the reporting requirements of SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4)

#### International Regulations

Canada - WHMIS Classification \_\_\_\_\_ Not controlled. WHMIS: This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

Canada Domestic Substances List \_\_\_\_\_ All ingredients listed or exempt.  
 Europe Inventory (EINECS) \_\_\_\_\_ All ingredients listed or exempt.  
 Australia Inventory (AICS) \_\_\_\_\_ All ingredients listed or exempt.  
 China Inventory (IECSC) \_\_\_\_\_ All ingredients listed or exempt.  
 New Zealand Inventory of Chemicals (NZIoC) \_\_\_\_\_ All ingredients listed or exempt.  
 Philippines Inventory (PICCS) \_\_\_\_\_ All ingredients listed or exempt.

### Section 16 - Other Information

None

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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End of SDS