



Heavy Duty Valve Cleaner

NFPA Codes	
Health	1
Flammability	1
Reactivity	0

Section 1 - Product Identification

Product Name: Heavy Duty Valve Cleaner
 Product Part Number: HDVC
 Product Type: Valve Cleaner / Flush

Section 2 - Hazardous Ingredients / Identity Information

Hazardous Ingredients	CAS Number	%	Exposure Limits: STEL 10 (Recommended)	
			OSHA PEL	ACGIH TLV
Petroleum Hydrocarbon	64742-52-5	>75	5mg/m ³	5 mg/m ³

Special Hazard Designations

DOT (49CFR172) Not regulated
 OSHA (29CFR1910.1200) Evaluation: Hazardous
 RCRA (40CFR261) Evaluation: Non hazardous
 EPA/TSCA Listed Ingredients: Yes

Section 3 - Health Hazard Data

Routes of Entry:

Inhalation – No

Skin – No

Ingestion – No

Health Hazards (Chronic): None Known

Carcinogenicity:

NTP – No

IARC Monographs – No

OSHA Regulation – No

Signs and Symptoms of Exposure:

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. Breathing petroleum oil mist at concentrations in air that exceed the recommended exposure standard can cause respiratory irritation and discomfort.

Ingestion – Moderately irritating by ingestion. May cause nausea, irritation, or diarrhea. Possible aspiration hazard.

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. Prolonged or repeated contact may produce skin irritation and inflammation. Primary hazard associated with grease in high-pressure gun, necrosis could result.

Medical Conditions Generally Aggravated by Exposure: None Known.

Section 4 - Emergency and First Aid Procedures

Eyes: 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: 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.

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Section 5 - Fire and Explosion Hazard Data

Flash Point (C.O.C.): 263 - 515° F.

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

Combustion Products: Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.

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

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

Water stream may spread fire; use water spray to cool containers only.

Unusual Fire and Explosion Hazards: Water may cause frothing. Will not flash spontaneously. May ignite if exposed to open flame.

Section 6 - Accidental Release Measures

Wear appropriate personal protection equipment (See Section 8).

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.

Section 7 - Precautions for Safe Handling, Use & Storage

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, and in a cool dry place. Store below 140° F. Keep away from strong acids and oxidizers.

Section 8 - Control Measures

Respiratory Protection: None expected to be required.

Ventilation – Local Exhaust: Acceptable.

Protective Gloves: Neoprene Coated Gloves, if prolonged or repeated contact is unavoidable.

Eye Protection: Safety Glasses

Other Protective Clothing and Equipment: As required to minimize exposure.

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

Section 9 - Physical & Chemical Characteristics

Boiling Point: N/A

Vapor Pressure (mm Hg.): N/A

Vapor Density (Air = 1): N/A

Solubility in Water: Insoluble

Soluble in alcohols and petroleum distillates

Viscosity: NLGI Consistency Number 1-2

Appearance / Odor: Black / Mild Grease

Specific Gravity (H₂O = 1): N/D

Melting Point: N/D

Evaporation Rate (Butyl Acetate = 1) <1

Section 10 - Stability & Reactivity Data

Stability: Material is chemically stable.

Conditions to avoid: Extreme heat. Avoid conditions that could generate an oil mist.

Incompatibility (materials to avoid): Strong Oxidizing agents.

Hazardous Decomposition Products: Oxides of Carbon when burned. Various hydrocarbons can evolve into other toxic gases, vapors or solid residue.

Hazardous Polymerization: Will not occur under normal conditions.

Section 11 - Toxicological Information

Acute toxicity: N/A

Carcinogenicity: N/A

Corrosivity: N/A

Germ Cell Mutagenicity: N/A

Irritation: May cause mild redness or discomfort with eye contact.

Sensitization: N/A

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Section 12 - Ecological Information

Non-hazardous. Biodegradable

Section 13 - Disposal Consideration

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

Section 14 - Transport Information

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

Section 15 - Regulatory Information

State Regulations

- California Prop. 65:** No ingredients listed.
- 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)
SARA 313 – not applicable unless otherwise noted by an asterisk (*) next to an ingredient in section 2 which directs the reader to a footnote at the bottom of this section stating this item is listed in the SARA section 313 inventory.
Ingredients are proprietary. Potential hazards have been evaluated and pertinent information has been included in sections 3 and 7. Each proprietary material is held as a trade secret from DUALCO. OSHA non-hazardous or below 1%, if OSHA hazardous, and below 0.1% if potentially carcinogenic.
*These items are listed on the SARA Title III section 313 inventory.

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

None

This document is prepared pursuant to the OSHA Hazard Communication Standard (29CFR1910.1200). The information herein is given in good faith, but no warranty, express or implied, is made. Consult Dualco Inc. for further information: 713-644-1164.

Abbreviations: N/A: Not Applicable N/D: Not Determined.