

VS Vehicle Shampoo

Concentrated vehicle and equipment wash shampoo

Controlled safety source: SDS_VS.pdf, SDS UC-018, revision January 20, 2026. This TDS does not replace the current Safety Data Sheet.

PRODUCT OVERVIEW

VS Vehicle Shampoo is a water-soluble detergent for vehicle and equipment washing. The approved dilution range is 4-8 fluid ounces of VS per gallon of clean water.

Appearance / odor	Clear green liquid / pleasant	Physical state	Liquid
pH	8.5-9.5	Water solubility	Completely soluble
Boiling point	100 C / 212 F	Flash point	Non-flammable
Transport	Not regulated	Hazard classification	Not a hazardous substance or mixture
NFPA	1-0-0	Color	Clear green

APPROVED DILUTION

MIX 4-8 FLUID OUNCES OF VS WITH 1 GALLON OF CLEAN WATER.

- Light-duty wash solution: 4 fluid ounces VS per gallon of water.
- Stronger wash solution: up to 8 fluid ounces VS per gallon of water.
- Use the lowest concentration that provides acceptable cleaning performance.
- Do not exceed 8 fluid ounces per gallon unless a separate written procedure is approved.
- Add VS to the wash water while controlling splash and foam generation.

SHIPPING, PACKAGE AND LOGISTICS

Variant	Physical Package	SKU	Gross Weight	Dimensions	NMFC	Class
Standard	1 Gallon Jug	VS001	9.0 lb	6 x 6 x 12 in	48580	70
Standard	5 Gallon Bucket	VS005	47.5 lb	10.25 x 10.25 x 14.75 in	48580	70
Standard	55 Gallon Drum	VS055	515 lb	23.5 x 23.5 x 35 in	48580	70
Standard	250 Gallon Tote	VS250	2,400 lb	40 x 47 x 46 in	48580	70

Current SDS Section 14: not regulated as dangerous goods or hazardous materials by DOT, IATA or IMDG. Gross Shipping Weight uses the current TDS Build Spreadsheet values. NMFC 48580 / Freight Class 70 is the current controlled matrix value.

NFPA 704



Health	1	Slight health hazard
Flammability	0	Non-flammable
Instability	0	Stable under normal conditions
Special	-	Not determined

GHS HAZARD COMMUNICATION

No GHS pictogram required

Current SDS classification: not a hazardous substance or mixture.
Signal word: none.
Hazard statements: none.

SAFE HANDLING AND PPE

- Wear safety glasses where splashing may occur.
- Use suitable gloves and protective clothing when prolonged or repeated contact is possible.
- Avoid breathing spray mist and provide adequate ventilation, especially in enclosed wash areas.
- Keep eyewash stations and safety showers close to the work area.
- High concentrations on floors may be slippery. Control spills and mark affected areas.
- Wash hands and exposed skin after handling.
- Protect the product from freezing; if frozen, thaw completely before use.

STORAGE AND INCOMPATIBILITIES

- Keep container tightly closed in a cool, dry and well-ventilated place.
- Store locked up and out of reach of children and pets.
- Protect from freezing.
- Current SDS Section 7 lists acids, bleach and ammonia as incompatible.
- Section 10 lists oxidizing agents as incompatible.
- Do not mix VS with acids, bleach, ammonia or unknown chemicals.

FIRST AID FROM CURRENT SDS

Exposure	Current SDS direction
Eyes	Immediately flush with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes.
Skin	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Remove to fresh air.
Ingestion	Induce vomiting. Drink a large quantity of milk. Immediately call a poison center or doctor/physician.

Emergency contact: INFOTRAC 1-800-535-5053 North America; 1-352-323-3500 International.

APPROVED APPLICATION PROCEDURE

1. Review the current VS SDS and applicable wash-bay or site procedure.
2. Confirm the vehicle or equipment surface is suitable for aqueous detergent washing.
3. Identify and protect electrical components, open vents, bearings, sensors and other areas that must not receive direct spray.
4. Confirm runoff and rinse-water routing before work begins.
5. Prepare 4-8 fluid ounces of VS per gallon of clean water.
6. Apply the prepared solution using the site-approved wash method and work in manageable sections.
7. Use only brushes, wash mitts or spray pressures that will not damage paint, decals, seals, electrical components or finishes.
8. Rinse thoroughly with clean water until visible foam and detergent residue are removed.
9. Inspect the surface and repeat only when necessary.
10. Return equipment to service only after moisture-sensitive areas are dry and protected.

SPILL, FIRE AND ENVIRONMENTAL HANDLING

- Stop the release if safe, contain the liquid, absorb with inert material and place recovered material in labeled containers.
- Clean affected floors because concentrated product may be slippery.
- Use extinguishing methods suitable for the surrounding fire; water may cool exposed containers.
- Firefighters should use self-contained breathing apparatus and full protective gear.
- The product is not classified as environmentally hazardous, but large or frequent spills may still be harmful.
- The SDS lists the product as readily biodegradable.
- Do not assume wash water may be discharged merely because the product is readily biodegradable.
- Manage wash water, soil, oil, metals and other contaminants according to site and local wastewater requirements.
- Prevent uncontrolled discharge to storm drains, soil, surface water and groundwater-sensitive areas.

ESSENTIAL OPERATING RESTRICTIONS

- Use 4-8 fluid ounces of VS per gallon of clean water.
- Do not exceed the approved dilution range without written authorization.
- Do not mix with acids, bleach, ammonia or unknown chemicals.
- Do not use spray methods that may damage surfaces or force water into protected components.
- Do not leave concentrated product on walking surfaces because it may be slippery.
- Do not discharge wash water through an unapproved route.

TRANSPORTATION AND REGULATORY PROFILE

Mode / Field	Controlled value
DOT	NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS
IATA	NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS
IMDG	NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS
California Proposition 65	Current SDS states this product does not contain Proposition 65 chemicals.

DOCUMENT CONTROL

Product	VS Vehicle Shampoo
Product code	VS
Safety source	SDS_VS.pdf SDS UC-018 revision January 20, 2026 Version 1
Operational source	VS_TDS.PDF Revision 1, August 4, 2026
Shipping source	TDS Build Spreadsheet.xlsx Shipping Variants
NFPA asset	NFPA_1-0-0.svg
GHS	Text-only hazard communication; no pictogram required
Header artwork	Approved Ultimate Chemicals logo upper left; approved glow logo upper right
Footer artwork	Approved glow logo

QUICK ACCESS

Scan the QR code or select the printed URL. Each printed URL is embedded as a clickable PDF hyperlink.

PRODUCT PAGE



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