

VTR Valve Treatment Removed

Ready-to-use natural-gas compressor treatment product

Controlled safety source: SDS_VTR.pdf, SDS UC-005, revision January 20, 2026. This TDS does not replace the current Safety Data Sheet.

PRODUCT OVERVIEW

VTR is a ready-to-use treatment product intended for natural-gas compressor service. No universal application rate, injection pressure, treatment duration, or equipment-specific procedure is established by this TDS.

Recommended use	Natural gas compressor injection	Physical state	Liquid
Appearance / odor	Orange liquid / slight acidic	pH	2
Specific gravity	1.26	Water solubility	Completely soluble
Flash point	Non-flammable	Transport	UN1805 Phosphoric Acid solution, Class 8, PG III
Signal word	DANGER	NFPA	2-0-0

CRITICAL READY-TO-USE REQUIREMENT

READY TO USE - DO NOT DILUTE.

WATER WILL NEUTRALIZE VTR.

- Use VTR exactly as supplied.
- Do not add water.
- Keep water out of the storage container, transfer equipment, tubing, fittings, pumps and application equipment.
- Use clean, dry, compatible equipment dedicated to VTR service.
- Do not combine VTR with another chemical unless specifically authorized by Ultimate Chemicals.

SHIPPING, PACKAGE AND LOGISTICS

Variant	Physical Package	SKU	Gross Weight	Dimensions	NMFC	Class
Standard	1 Gallon Jug	VTR001	10.5 lb	6 x 6 x 12 in	44155	70
Standard	5 Gallon Bucket	VTR005	55 lb	10.25 x 10.25 x 14.75 in	44155	70
Standard	55 Gallon Drum	VTR055	597.5 lb	23.5 x 23.5 x 35 in	44155	70
Standard	250 Gallon Tote	VTR250	2,775 lb	40 x 47 x 46 in	44155	70

Current SDS transport classification: UN1805, Phosphoric Acid solution, Hazard Class 8, Packing Group III for DOT, IATA and IMDG. The SDS notes that package-size exceptions may apply; use current shipping papers. NMFC 44155 / Freight Class 70 is the current master-matrix value.

NFPA 704



Health	2	Moderate health hazard
Flammability	0	Non-flammable
Instability	0	Stable under normal conditions
Special	-	Not determined

GHS HAZARD COMMUNICATION



GHS05 Corrosion DANGER

Skin corrosion/irritation Category 1B.
Serious eye damage Category 1.
Causes severe skin burns and eye damage.
Other hazard: toxic to aquatic life with long lasting effects.

PRE-USE PLANNING AND APPLICATION CONTROL

- Confirm the compressor, treatment objective, application point, rate, pressure and duration through an approved job-specific procedure.
- Verify all wetted materials and application equipment are compatible with VTR.
- Inspect hoses, tubing, fittings, valves, pumps and containers before use.
- Establish secondary containment and a controlled work area.
- Confirm eyewash, emergency shower, spill-control materials and the current VTR SDS are available.
- Do not proceed when water contamination is suspected.
- This TDS does not authorize a universal injection rate, pressure or treatment duration.

SAFE HANDLING AND REQUIRED PPE

- Wear suitable chemical-resistant gloves and protective clothing.
- Wear chemical splash goggles and a face shield when splash or spray exposure is possible.
- Ensure adequate ventilation, especially in enclosed or confined areas.
- Use respiratory protection when ventilation is inadequate under the site respiratory-protection program.
- Avoid skin and eye contact. Do not breathe mist, vapor or spray.
- Wash hands, face and exposed skin thoroughly after handling. Remove contaminated clothing immediately and wash before reuse.

FIRST AID FROM CURRENT SDS

Exposure	Current SDS direction
Eyes	Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses when easy to do.
Skin	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Remove to fresh air. Call a physician immediately.
Ingestion	DO NOT induce vomiting. Drink plenty of water. Immediately call a poison center or doctor/physician.

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

STORAGE AND INCOMPATIBILITIES

- Keep the 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; if frozen, thaw completely before use.
- Store away from strong alkalis, bleach, ammonia and other incompatible materials.
- Keep the product in a compatible, properly labeled container.
- Do not return used, contaminated or water-exposed material to the original container.

SPILL, FIRE AND ENVIRONMENTAL HANDLING

- Stop the release if safe and maintain secondary containment.
- Use appropriate PPE during cleanup.
- Absorb spills with inert material and transfer recovered material to compatible, properly labeled containers.
- Use only a site-approved neutralization method. Do not improvise chemical neutralization.
- Prevent VTR and contaminated cleanup materials from entering soil, storm drains, surface water or groundwater-sensitive areas.
- VTR is toxic to aquatic life with long lasting effects.
- Dispose of product, absorbent and contaminated packaging according to applicable requirements.
- Suitable extinguishing media: dry chemical, carbon dioxide or water spray/fog.
- Firefighters should use self-contained breathing apparatus and full protective gear.
- Hazardous decomposition products may include oxides of phosphorus.

ESSENTIAL RESTRICTIONS AND DOCUMENTATION

- READY TO USE - DO NOT DILUTE.
- WATER WILL NEUTRALIZE VTR.
- Do not use water-contaminated transfer or application equipment.
- Do not mix with strong alkalis, bleach, ammonia or unknown chemicals.
- Record compressor/equipment identification, VTR lot number, quantity used, application point, operating conditions and waste disposition.
- Consult the current VTR SDS before handling, transport, application, spill response or disposal.
- The current SDS identifies the commercial product name as "Valve Treatment Removed"; this TDS preserves that controlled name.

TRANSPORTATION AND REGULATORY PROFILE

Mode / Field	Controlled value
DOT	UN1805, Phosphoric Acid solution, Class 8, Packing Group III
IATA	UN1805, Phosphoric Acid solution, Class 8, Packing Group III
IMDG	UN1805, Phosphoric Acid solution, Class 8, Packing Group III
CERCLA RQ	5,000 lb for phosphoric acid
California hazardous waste	Phosphoric acid listed as corrosive in the current SDS.
California Proposition 65	Current SDS states this product does not contain Proposition 65 chemicals.

DOCUMENT CONTROL

Product	VTR Valve Treatment Removed
Product code	VTR
Safety source	SDS_VTR.pdf SDS UC-005 revision January 20, 2026 Version 1
Operational source	VTR_TDS.PDF Revision 1, August 4, 2026
Shipping source	2026 Ultimate Chemicals Product Shipping Specs Matrix.xlsx
NFPA asset	NFPA_2-0-0.svg
GHS asset	GHS05_Corrosion.png
Header artwork	Approved Ultimate Chemicals logo upper left; MASTER_PRODUCT_LOGO_VTR_TRANSPARENT.png 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



<https://ultimatechemicals.com/products/vtr>

SDS



<https://ultimatechemicals.com/sds/vtr>

TDS



https://ultimatechemicals.com/tds/vtr_tds.pdf