



SAFETY DATA SHEET

1. Identification

Product Identifier	Vet-Tec-Q Disinfectant Cleaner and Deodorizer – Ready to Use	
Other means of identification	CU-1830 – Diluted/End Use	
Product code		
Recommended use	Quaternary disinfectant cleaner and deodorizer.	
Recommended restrictions	Professional use only.	
Manufacturer information		
Company name	Chemical Universe, Inc.	
Address	1133 Saline St. North Kansas City, MO 64116	
Telephone	(816) 471-3602	
Fax	(816) 474-3302	
Emergency phone number	PERS 24-hour Emergency	(800) 633-8253

2. Hazard(s) Identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	None.
Label elements	None.
Signal word	None.
Hazard statement	None.
Precautionary statement	
Prevention	
Response	
Storage	
Disposal	
Hazard(s) not otherwise classified (HNOC)	None.
Supplemental information	None.

Mixture Component(s)

This product contains no GHS-classifiable hazardous ingredients over reportable levels.

4. First-aid measures

Inhalation	Move to fresh air if irritated. Call a physician if symptoms develop or persist.
Skin contact	Rinse with water
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do so.
Ingestion	Rinse mouth.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.



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General information

This type of detergent should cause no adverse effects when exposed.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol-resistant foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	None know.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted. Thermal decomposition can release ammoniated gases

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures	Wear appropriate protective equipment and clothing during clean-up.
Methods and materials for containment and cleaning up	<p>This product is miscible in water.</p> <p>Large spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements, or confined areas.</p> <p>Small spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.</p>
Environmental precautions	<p>Avoid discharge into sanitary sewers, storm drains, surface drainage paths or other areas not consistent with package labeling. If significant quantities are released to surface waters or sanitary sewers, advise local environmental authorities immediately.</p> <p>Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.</p>

7. Handling and storage

Precautions for safe handling	Avoid contact with eye. Avoid prolonged exposure. Observe good industrial hygiene practices. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS). PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F.



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8. Exposure controls/personal protection

Occupational exposure limits

None

Biological limit values

None

Appropriate engineering controls None.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes.

Skin protection None

Hand protection None.

Other None.

Respiratory protection Respiratory protection not required.

Thermal hazards None.

General hygiene considerations None.

9. Physical and chemical properties

Appearance

Physical State Liquid.

Color Clear; colorless to light purple color.

Odor Fresh.

Odor threshold Not available.

pH 7-8

Melting/freezing point Not available.

Initial boiling point and boiling range >212°F (93.3°C) estimated.

Flash point Not available.

Evaporation rate Not available.

Flammability Not available.

Flammability Limits

Upper Not available.

Lower Not available.

Vapor pressure Not available.

Vapor density Not available.

Specific gravity (water=1) 1.00

Solubility in water Soluble.

Partition coefficient (n-octanol/water) Not applicable.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

10. Stability and reactivity

Reactivity This product is stable and non-reactive under normal conditions of use.



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Chemical stability Material is stable under normal conditions. Store in a cool dark place.
Possibility of hazardous reactions Hazardous polymerization does not occur.
Conditions to avoid Avoid storage in elevated temperatures. Keep away from heat, sparks, and open flame.
Incompatible materials None known.
Hazardous decomposition products None known.

11. Toxicological information

Information on likely routes of exposure

Ingestion Expected to be a low ingestion hazard.
Inhalation Expected to be a low inhalation hazard.
Skin contact Prolonged skin contact may cause slight irritation.
Eye contact Repeated and/or prolonged eye contact may cause slight irritation.
Symptoms related to the physical, chemical, and toxicological characteristics Dermatitis. Rash.
Acute toxicity Not established.

Product Vet-Tec-Q Disinfectant Cleaner and Deodorizer Ready to Use (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀
Acute	Oral, rat	>70,000 mg/kg (Literature)
*Estimates for product may be based on additional component data not shown		

Skin corrosion/irritation Can cause severe skin burns.
Serious eye damage/ irritation Can cause serious eye damage.
Respiratory sensitization Not considered a respiratory sensitizer.
Skin sensitization Not considered a skin sensitizer.
Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity Not considered a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not Listed.
Reproductive toxicity No data available.
Specific target organ toxicity – single exposure No data available.
Specific target organ toxicity – repeated exposure No data available.
Aspiration hazard No data available.

12. Ecological information

Ecotoxicity		
Product Vet-Tec-Q Disinfectant Cleaner and Deodorizer (CAS mixture)		
Aquatic Receptor	Species	Test Thresholds
Fish	Fathead Minnow (<i>Pimephales promelas</i>)	LC ₅₀ >200 mg/L (estimated)
Crustacea	Daphnia (<i>water flea</i>)	EC ₅₀ >4.5 mg/L (estimated)
*Estimates for product may be based on additional component data not shown		

Persistence and degradability Not available. Chemicals of this class are not expected to be persistent in an open aerobic environment



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Bio-accumulative potential	Potential to bioaccumulate is low. Components are highly water-soluble and not expected to accumulate in dynamic biological systems
Mobility in soil	Not available. Chemicals of these classes are expected to exhibit moderate to high mobility in saturated and semi-saturated soils
Other adverse effects	Not available.
Persistence and degradability	Not available. Chemicals of this class are not expected to be persistent in an open aerobic environment

13. Disposal considerations

Disposal instructions	PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or reconstituted concentrate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. CONTAINER DISPOSAL - Nonrefillable Container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse empty container with water. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill. This product is a registered pesticide under USEPA FIFRA registry. Dispose in accordance with labels direction and/or applicable state/local rule and regulation.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	As packaged, this product is not believed to meet criteria defining RCRA hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.
Waste from residues/unused product	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

USDOT Not regulated as dangerous goods.

15. Regulatory information

US federal regulations

FIFRA -This product is a pesticide regulated by the USEPA under authority of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). EPA product registration number is **1839-100-74357**

TSCA – All chemical components used to manufacture this product comply with the Toxic Substances Control Act (TSCA) registry requirements and are either listed within, or exempted from, the current TSCA 8(b) inventory.

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed.

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No



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Pressure Hazard – No
Reactivity Hazard – No
SARA 313 (TRI reporting) Not listed

California Proposition 65 **California Safe Drinking Water and Toxic Enforcement Act of 1986**
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (12/2019)

16. Other information, including date of preparation or last revision.

Issue date 3/17/2021
Revision date
Version # 1
HMIS® ratings Health: 1
Flammability: 0
Physical hazard: 0



NFPA ratings Health: 1
Flammability: 0
Instability: 0



Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.

Revision information First issue.