Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : RV Black Tank Cleaner

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Tech Grade Tank Cleaner

1.3. Details of the supplier of the safety data sheet

Unique Manufacturing and Marketing

5752 Lamar St. Arvada, CO 80002

1.4. Emergency telephone number

Emergency number : 866-662-4513

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. Label elements

GHS US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Water	(CAS-No.) 7732-18-5	> 85
Alcohols, C9-11, ethoxylated	(CAS-No.) 68439-46-3	Proprietary
1,2-Propanediol	(CAS-No.) 57-55-6	Proprietary
Trisodium citrate dihydrate	(CAS-No.) 6132-04-3	Proprietary
Proxel GXL	Mixture	Proprietary
Subtilisins (proteolytic enzymes)	(CAS-No.) 9014-01-1	Proprietary
Amylase, .alpha	(CAS-No.) 9000-90-2	Proprietary
Cellulase	(CAS-No.) 9012-54-8	Proprietary
Lipase, triacylglycerol	(CAS-No.) 9001-62-1	Proprietary
Kathon CG/ICP	Mixture	Proprietary
Viable bacteria cultures	None	Proprietary
Fragrance	Mixture	< 1

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : No specific first aid necessary for this route of exposure.

First-aid measures after skin contact : In case of contact, wash area with soap and water, apply a topical antiseptic agent.

First-aid measures after eye contact : Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or

persists.

First-aid measures after ingestion : Give affected person several glasses of water and induce vomiting. Obtain medical attention.

Never give anything by mouth to an unconscious person.

09/15/2023 EN (English US) Page 1

Safety Data Sheet

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : None under normal use.

Symptoms/injuries after skin contact : Prolonged or repeated exposure may cause irritation. Bacterial infection may occur through

open wounds or broken skin.

Symptoms/injuries after eye contact : May cause redness and irritation.

Symptoms/injuries after ingestion : May cause nausea, vomiting and diarrhea if ingested.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known. Explosion hazard : None known.

5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : If possible, stop flow of product.

Methods for cleaning up : Confine spill and soak up with absorbent. Place in an approved container and dispose in

accordance with local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid eye and skin exposure. Wash thoroughly after handling. Keep out of reach of children.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, dry place. Do not freeze. Keep container tightly closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1,2-Propanediol (57-55-6)		
AIHA	WEEL TWA	10 mg/m³
Subtilisins (proteolytic enzymes) (9014-01-1)		
ACGIH	ACGIH OEL Ceiling	0.00006 mg/m³
NIOSH	NIOSH REL (STEL)	0.00006 mg/m³

8.2. Exposure controls

Appropriate engineering controls : None required under normal product handling conditions.

Hand protection : Wear impervious gloves to minimize skin contact.

Eye protection : Use safety glasses if splashing is likely.

Skin and body protection : Wear suitable working clothes.

09/15/2023 EN (English US) 2/5

Safety Data Sheet

Respiratory protection : None required under normal product handling conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Translucent.
Color : None
Odor : Fragrant

Odor threshold : No data available : No data available рH Melting point No data available Freezing point : No data available : No data available Boiling point Flash point : No data available : No data available Relative evaporation rate (butyl acetate=1) Flammability (solid, gas) No data available Vapor pressure : No data available : No data available Relative vapor density at 20 °C Relative density : No data available Solubility : Miscible with water. : No data available Partition coefficient n-octanol/water (Log Pow) Auto-ignition temperature : No data available Decomposition temperature : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available **Explosion limits** : No data available Explosive properties : No data available Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Water (7732-18-5)	
LD50 oral rat	> 90 ml/kg

Alcohols, C9-11, ethoxylated (68439-46-3)	
LD50 oral rat	1400 mg/kg

09/15/2023 EN (English US) 3/5

Safety Data Sheet

Alcohols, C9-11, ethoxylated (68439-46-3)	
ATE US (oral)	1378 mg/kg
1,2-Propanediol (57-55-6)	
LD50 oral rat	20 g/kg
LD50 dermal rabbit	20800 mg/kg
ATE US (oral)	20000 mg/kg body weight
ATE US (dermal)	20800 mg/kg body weight

Subtilisins (proteolytic enzymes) (9014-01-1)	
LD50 oral rat	3700 mg/kg
ATE US (oral)	500 mg/kg body weight
Amylase, .alpha (9000-90-2)	
LD50 oral rat	> 7500 mg/kg

Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified : Not classified STOT-repeated exposure Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

1,2-Propanediol (57-55-6)	
LC50 - Fish [1]	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 - Fish [2]	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

1,2-Propanediol (57-55-6)	
BCF - Fish [1]	<1

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the ozone layer : No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

09/15/2023 EN (English US) 4/5

Safety Data Sheet

SECTION 15: Regulatory information

15.1. US Federal regulations

Water (7732-18-5)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Alcohols, C9-11, ethoxylated (68439-46-3)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).	
1,2-Propanediol (57-55-6)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Subtilisins (proteolytic enzymes) (9014-01-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).	
Amylase, .alpha (9000-90-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).	
Cellulase (9012-54-8)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		

Lipase, triacylglycerol (9001-62-1)

EPA TSCA Regulatory Flag

EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting
	Pulo (40 CEP 711)

Rule, (40 CFR 711).

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting

15.2. US State regulations

1,2-Propanediol (57-55-6)

- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

09/15/2023 EN (English US) 5/5