

SAFETY DATA SHEET

HMIS:
Health- 1 Flammability- 1 Reactivity- 0 Pers.
Protection- N

NFPA:
Health- 1 Flammability- 1 Reactivity- 0 Special Hazard-
N

WHMIS: Not Applicable

Section 1: Product and Company Identification

Product: Odor Universe RTU Drain
Treatment w/Enzymes

Synonyms:

T-Ray Specialties Inc.
14480 Thousand Oaks Place
Parkville, MO 64152

Non-Emergency:
US 816-589-8729

24 hr Emergency Spill Information:

International

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Reddish white liquid



WARNING

Flammability : Not classified as flammable

Health Hazards Listed : Not applicable

Ecological Hazards Listed : Not applicable

Potential Health Effects: See section 11 for more information.

Risk Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin

Safety Phrases: S2 - Keep out of the reach of children
S7 - Keep container tightly closed
S13 - Keep away from food, drink and animal feedingstuffs

Hazard Phrases: H303 - May be harmful if swallowed

Precautionary Phrases: P233 - Keep container tightly closed.
P234 - Keep only in original container.
P235 - Keep cool.

Likely Routes of Exposure: Not applicable

Eye: Direct exposure can irritate
 Skin: Not applicable
 Ingestion: Not expected to be a problem
 Inhalation: Not applicable

Medical Conditions Aggravated By Exposure:

Allergies to fragrances

Target Organs: None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: (See section 12 for more information.)

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Opacifier	none	0.1 - 1.0	N
Bacteria Culture Blend	None	0.1 - 1.0	N
Odor counteractant	NA	<1	N
Water	7732-18-5	60 - 100	N

Section 4. First Aid Measures

Eye Contact: Flush eye with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.
 Skin Contact: Wash with soap and water.
 Inhalation: Remove to fresh air.
 Ingestion: Give water or milk to drink if conscious

Note to Physicians:

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water
 Unsuitable Extinguishing Media: None known
 Products of Combustion: Oxides of carbon and nitrogen
 Protection of Firefighters: For surrounding fire

Section 6. Accidental Release Measures
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Personal Precautions: Keep out of eyes. Avoid getting on skin.
 Environmental Precautions: Keep out of surface waters.
 Methods for Containment: Dike with sand, clay or other suitable material
 Methods for Clean-Up: Absorb on sand, clay or other suitable material or mop up with water.

Other Information:

Section 7. Handling and Storage

HANDLING

No special precautions

STORAGE

Section 8. Exposure Controls/Personal Protection
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EXPOSURE GUIDELINES

COMPONENT: TWA: LD-50

Opacifier	None established	Not applicable
Bacteria Culture Blend	None established	Not applicable
Odor counteractant	NA	NA
Water	Not applicable	Not applicable

Engineering Controls: No special requirements

Eye/Face Protection: No special requirements in normal use

Skin Protection: Rubber or other protective gloves when handling large quantities

Respiratory Protection: Not normally needed

General Hygiene Considerations: Keep away from food and beverages

Section 9. Physical and Chemical Properties

Color: Reddish white, opaque	Odor: Spicy
Physical State: Liquid	Odor Treshhold:
pH: 7-9	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: >100C / >212F
Flash Point: >205 F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble
VOC CARB Compliant	Percent Volatile: NA

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatable Materials: None known

Hazardous Decomposition Products: Not applicable

Possibility of Hazardous Reactions: None known

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not evaluated as a mixture.
Dermal LD50:	Not determined.
Inhalation:	Not determined. No components classified as toxic by inhalation at concentrations present.
Eye Irritation:	Direct contact can irritate eyes
Skin Irritation:	Prolonged or repeated exposure can irritate skin
Sensitization:	None known

CHRONIC EFFECTS

Carcinogenicity:	None known
Mutagenicity:	None known
Reproductive Effects:	None known
Developmental Effects:	None known

Section 12. Ecological Information

Ecotoxicity: Not applicable

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: Not applicable

Mobility in Enviroment: Not applicable

Section 13. Disposal Considerations

Disposal: Dispose in accordance with, State and Local regulations

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not approved for sale in Canada

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information

Global Inventories

TSCA: United States Included

DSL: Canada Included

ECL: Korea Not-Known

PICCS: Philippines Not-Known

ENCS: Japan Not-Known

AICS: Australia Included

IECS: China Not-Known

EINECS: European Union Included

SARA 313 Information : No Sara 313 Chemicals present at reportable levels

California Safe Drinking Water and Toxic Enforcement Act pf 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

Not Applicable

Section 16. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

While we believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as warranty or representation for which we assume legal responsibility. The information is offered solely for your consideration, investigation

SDS for Product: Odor Universe RTU Drain Treatment w/Enzymes, Rev. Date: 13 March 2018

and verification. Any use of these data and information must be determined by the user to be in accordance with federal, state and local laws.