

SAFETY DATA SHEET

HMIS: Health- 1 Flammability- 1 Reactivity- 0 Pers. Protection- N  
 NFPA: Health- 1 Flammability- 1 Reactivity- 0 Special Hazard- B  
 WHMIS: B 2, D 2 B

Section 1: Product and Company Identification

Product: Odor Universe Premium Ear Cleaner  
 Synonyms: none  
 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: Colorless hazy liquid

WARNING

Flammability : Not classified as flammable  
 Health Hazards Listed : May be a mild irritant  
 Ecological Hazards Listed : None known  
 Potential Health Effects: See section 11 for more information.

Risk Phrases: R20 - Harmful by inhalation  
 R22 - Harmful if swallowed  
 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

Hazard Phrases: H316 - Causes mild skin irritation  
 H335 - May cause respiratory irritation  
 H320 - Causes eye irritation

Precautionary Phrases: P202 - Do not handle until all safety precautions have been read and understood.  
 P234 - Keep only in original container.  
 P235 - Keep cool.

Likely Routes of Exposure: Mouth, eyes, ear  
 Eye: Direct exposure can irritate  
 Skin: Prolonged or repeated exposure can irritate

Ingestion: Can irritate digestive tract  
 Inhalation: Can irritate respiratory tract or cause dizziness or headache  
 Medical Conditions Aggravated By Exposure:

Allergies

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
Essential Oil /Extract Blend	NA (Mixture)	1.5-2.5	N
Polysorbate-20	9005-64-5	1-2	N
Ethanol		0.75-1.25	N
Tea Tree Oil	85085-48-9	<0.3	N
Glycerin		2.5-3.5	
Water	7732-18-5	80-85	N
Potassium Caprylate		4-5	Y

**Section 4. First Aid Measures**

Eye Contact: Flush eyes 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: If conscious, give water or milk to drink.  
 Note to Physicians: Do not induce vomiting.

**Section 5. Fire Fighting Measures**

Suitable Extinguishing Media: Water, foam, carbon dioxide, dry chemical  
 Unsuitable Extinguishing Media: None known  
 Products of Combustion: Oxides of carbon and nitrogen  
 Protection of Firefighters: As for surrounding fire

**Section 6. Accidental Release Measures**

Personal Precautions: Keep away from skin, eyes and mouth  
 Environmental Precautions: Keep out of surface waters  
 Methods for Containment: Dike area 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**

Keep cool. Do not open until ready to use.

**STORAGE**

Keep out of the reach of children. Store in original container at ambient conditions.

**Section 8. Exposure Controls/Personal Protection**

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Essential Oil /Extract Blend	NA	NA
Polysorbate-20	None established	> 3850 mg/kg
Ethanol	None established	749 mg/kg
Tea Tree Oil	None established	2300 mg/kg
Glycerin	NA	NA
Water	Not applicable	Not applicable
Potassium Caprylate	None established	Not determined

Engineering Controls: Not normally necessary.

Eye/Face Protection: Protective goggles recommended if handling large quantities.

Skin Protection: Rubber or other protective gloves recommended if handling large quantities.

Respiratory Protection: Not normally necessary. Organic vapor respirator may be advisable if handling large quantities.

General Hygiene Considerations: Keep away from face and skin. Keep out of food and beverages.

Section 9. Physical and Chemical Properties

Color: Colorless to hazy	Odor: Essential Oil aroma
Physical State: Liquid	Odor Treshhold:
pH: 6-8	Freezing Point:
Evaporation Rate: Not determined.	Boiling Point: 100 C / 212 F
Flash Point: >205 F PMCC	Flammability(solid,gas): Not applicable.
Upper Flammability Limit: Not determined.	Lower Flammability Limit: Not determined.
Vapor Pressure: Greater than water.	Specific Gravity: 1.00-1.03
Vapor Density: Not determined.	Auto-ignition Temperature: Not determined.
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble
Not determined	Percent Volatile: NA

Section 10. Stability and Reactivity

Stability: Stable.

Conditions to Avoid: High temperatures, open flames.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

Possibility of Hazardous Reactions: Extremely low probability

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not established for mixture.
Dermal LD50:	Not established for mixture.
Inhalation:	Not established for mixture.
Eye Irritation:	Direct contact can be severely irritating
Skin Irritation:	Prolonged or repeated contact can dry or irritate skin
Sensitization:	Not expected to be a problem in normal use

CHRONIC EFFECTS

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

Section 12. Ecological Information

Ecotoxicity: None known  
Persistence/Degradability: Biodegradable  
Bioaccumulation/Accumulation: None known  
Mobility in Environment: Not determined.

Section 13. Disposal Considerations

Disposal: Dispose according to all Federal, State or Provincial, and Local regulations.

Section 14. Transportation Information

US DOT (ground)  
Proper Shipping Description: Not a Hazardous Material  
CANADA TDG (ground)  
Proper Shipping Description: Not a Dangerous Good  
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 : Does not contain any SARA 313 Substances

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

Does not contain any Proposition 65 substances

WHMIS: Canadian Workplace Hazardous Material Information System

B 2, D 2 B

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 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.