

SAFETY DATA SHEET

HMIS:
Health- 1 Flammability- 2 Reactivity- 1 Pers.
Protection- N
WHMIS: B 5

NFPA:
Health- 1 Flammability- 2 Reactivity- 1 Special Hazard-
N

Section 1: Product and Company Identification

Product: Odor Universe Full Release Odor Block Odor Neutralizer, All Fragrances
Synonyms:
T-Ray Specialties Inc.
14480 Thousand Oaks Place
Parkville, MO 64152

Non-Emergency: 24 hr Emergency Spill Information:
US 816-589-8729

International

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Liquid under pressurized gas in steel can



WARNING

Flammability : R 12 Extremely flammable. Contains flammable liquids and pressurized gas.

Health Hazards Listed : May be a mild irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Risk Phrases:
R5 - Heating may cause an explosion
R10 - Flammable
R44 - Risk of explosion if heated under confinement

Safety Phrases:
S2 - Keep out of the reach of children
S16 - Keep away from sources of ignition - No smoking
S33 - Take precautionary measures against static discharges

Hazard Phrases:
H280 - Contains gas under pressure, may explode if heated
H222 - Extremely flammable aerosol
H241 - Heating may cause a fire or explosion

Precautionary Phrases:
P211 - Do not spray on an open flame or other ignition source.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P220 - Keep/Store away from clothing and combustible materials.

Likely Routes of Exposure: Skin, inhalation, eyes

Eye: Direct exposure can irritate
 Skin: Prolonged exposure can irritate
 Ingestion: Not expected to be a problem
 Inhalation: Overexposure may cause irritation

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	
Deodorizing Fragrance Blend	Proprietary Mixture	Not stated	N	Y
152 A Propellant	68476-86-8	60%	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. DO NOT WEAR CONTACTS WHILE USING.

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: Foam, carbon dioxide, dry chemical; water fog to keep cans cool.

Unsuitable Extinguishing Media: None known

Products of Combustion: CO2 is formed during combustion.

Protection of Firefighters:

Section 6. Accidental Release Measures
--

Personal Precautions: Keep away from skin and eyes. Wear protective gloves. Ventilate the spill area.

Environmental Precautions: Keep out of surface waters

Methods for Containment: Not applicable; unit cans

Methods for Clean-Up: Gather up scattered cans after any breached or activated cans have finished discharging. Absorb discharge on sand, clay or other suitable material.

Other Information: RCRA (40 CFR 261.33)

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes

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
Deodorizing Fragrance Blend	NA	NA
152 A Propellant	600 ppm	NA

Engineering Controls: Not normally necessary

Eye/Face Protection: Do not point nozzle in direction of face. Protective goggles if handling large quantities

Skin Protection: Do not point nozzle at skin. Rubber or other protective gloves if handling large quantities

Respiratory Protection: Use in normal ventilated environment

General Hygiene Considerations: Keep out of food and beverages, avoid wearing contacts.

Section 9. Physical and Chemical Properties
--

Color: Clear liquid	Odor: Mountain Spring
Physical State: Liquid under pressurized gas in steel cans	Odor Treshhold:
pH: Not applicable	Freezing Point: Not determined
Evaporation Rate: >1 (water =1)	Boiling Point: 100 C / 212 F (of liquid) Cans may burst if exposed to temperatures above 120 F.
Flash Point: 121 F	Flammability(solid,gas): Not determined
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure:	Specific Gravity: 0.94
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: as packaged minus water <25%	Solubility (water): Misc.
	Percent Volatile: >96%

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid:

Incompatable Materials: None known

Hazardous Decomposition Products: CO2

Possibility of Hazardous Reactions: Will not occur

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture.
Dermal LD50:	Not determined for mixture.
Inhalation:	Not determined for mixture.
Eye Irritation:	Direct contact with spray can irritate eyes
Skin Irritation:	Prolonged or repeated contact with spray can irritate or dry 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: None known
Persistence/Degradability: None known
Bioaccumulation/Accumulation: None known
Mobility in Environment: Not determined

Section 13. Disposal Considerations

Disposal: Do not puncture or incinerate cans. Dispose according to Federal, State, and Local Regulations

Section 14. Transportation Information

US DOT (ground)
Proper Shipping Description: Consumer Commodity - ORM-D
CANADA TDG (ground)
Proper Shipping Description: Consumer Commodity - ORM-D
ICAO (air)
Proper Shipping Description: UN1950, Aerosols, Flammable, Class 2.1, LTD QTY
IMDG (water)
Proper Shipping Description: UN1950, Aerosols, Flammable, Class 2.1, EmS F-D, S-U, LTD QTY

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 : Trace amount of ethylene oxide. Below reportable levels.

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

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

B 5

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.