

SAFETY DATA SHEET

HMIS:
Health- 1 Flammability- 4 Reactivity- 0 Pers.
Protection- B
WHMIS: B 5

NFPA:
Health- 1 Flammability- 4 Reactivity- 0 Special Hazard-
N

Section 1: Product and Company Identification

Product: NeutrO-Spray For the Allied Sciences Industry, all fragrances
Synonyms:
T-Ray Specialties Inc.
7817 N Hull Avenue
Kansas City, MO 64151

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

International

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Colourless or pale yellow liquid in aerosol can
NOT Classified as hazardous by the criteria of NOHSC.



WARNING

Flammability : Flammable. Contains flammable liquids and pressurized gas.
Health Hazards Listed : May be 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:
H223 - Flammable aerosol
H226 - Flammable liquid and vapor
H280 - Contains gas under pressure, may explode if heated

Precautionary Phrases:
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P235 - Keep cool.
P251 - Pressurized container: Do not pierce or burn, even after use.

Likely Routes of Exposure: Skin, eyes

Eye: May irritate
 Skin: Repeated exposure may dry
 Ingestion: Unlikely due to form
 Inhalation: May cause dizziness

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.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled	
Propane	74-98-6	15-40	Y	
Butane	106-97-8	5-10	Y	Y
Trade Secret Fragrance Mixture	None	1 - 5	N	
2-Propanone	67-64-1	15-40	Y	Y Y

Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water. Consult physician if irritation persists.
 Skin Contact: Wash with soap and water.
 Inhalation: Remove to fresh air. Apply artificial respiration if needed.
 Ingestion: Not applicable due to form.

Note to Physicians:

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water, fog, dry chemical, carbon dioxide. HAZCHEM CODE 3 Y
 Unsuitable Extinguishing Media: None known
 Products of Combustion: Oxides of carbon and nitrogen
 Protection of Firefighters:

Section 6. Accidental Release Measures
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Personal Precautions:

Environmental Precautions: No special measures
 Methods for Containment: Individual containers are low volume. No special measures
 Methods for Clean-Up: Gather up cans after any punctured cans have finished discharging. Absorb any discharged liquid with sand, clay or other suitable material
 Other Information: HAZCHEM CODE 3 Y

Section 7. Handling and Storage

HANDLING

Use as directed. Do not remove cap until ready to insert in dispenser.

STORAGE

Store in cool area away from heat source

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Propane	1000 ppm	Simple asphyxiant
Butane	1000 ppm	Simple asphyxiant
Trade Secret Fragrance Mixture	None established	Not determined
2-Propanone	500 ppm	5800 mg/kg

Engineering Controls: Normal ventilation

Eye/Face Protection: Not needed when can is installed in dispenser

Skin Protection: Not needed when can is installed in dispenser

Respiratory Protection: Not normally needed

General Hygiene Considerations: No special precautions

Section 9. Physical and Chemical Properties

Color: Dispersed as fine colorless to pale yellow mist	Odor: Dependent on description
Physical State: Liquid and compressed gas in aerosol can	Odor Treshhold:
pH: Not applicable - non-aqueous	Freezing Point: Not determined
Evaporation Rate: Not determined	Boiling Point: Not applicable
Flash Point: Not applicable	Flammability(solid,gas): Contents flammable. Concentrate flash point 0 F.
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined
Vapor Pressure: Greater than 760 torr (> 100 kPa)	Specific Gravity: Not applicable
Vapor Density: Greater than air	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Insoluble
<30% CARB VOC for aerosol	Percent Volatile: 95% including propellant (without taking out exempt VOC propellants)

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid:

Incompatible Materials: Not applicable

Hazardous Decomposition Products: Not applicable

Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Product is dispersed in small quantities of fine mist; Liquid portion weighted average more than 2500 mg/kg.
Dermal LD50:	Not determined for mixture. Product is dispersed in small quantities of fine mist; Liquid portion weighted average more than 2500 mg/kg.
Inhalation:	Not determined for mixture. Dispersed in intermittent small metered quantities. Weighted average more than 6 milligrams per Liter.
Eye Irritation:	Can irritate eyes if sprayed directly into eyes.

Skin Irritation: Prolonged exposure to expelled liquid may result in irritation

Sensitization: None known

CHRONIC EFFECTS

Carcinogenicity: None

Mutagenicity: None

Reproductive Effects: None

Developmental Effects: None

Section 12. Ecological Information

Ecotoxicity: None known

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: Not significant

Mobility in Enviroment: Not applicable due to mode of use

Section 13. Disposal Considerations

Disposal: Do not puncture or incinerate. Follow local regulations

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Consumer Commodity

CANADA TDG (ground)

Proper Shipping Description: Consumer Commodity

ICAO (air)

Proper Shipping Description: UN1950,Aerosols, flammable, Class 2.1, Limited Quantity

IMDG (water)

Proper Shipping Description: UN 1950, Aerosols, flammable, Class 2.1, Limited Quantity, EMS F-D, S-U

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 Listed substances present at reportable levels

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

No Proposition 65 Listed substences 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.

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