

SAFETY DATA SHEET

HMIS:

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

NFPA:

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

WHMIS: B 3

Section 1: Product and Company Identification

Product: NeutrOLene Allied Sciences  
Neutralizer FM

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: Translucent clear liquid; characteristic mint aroma  
NOT Classified as hazardous by the criteria of NOHSC.



WARNING

Flammability : Not classified as flammable

Health Hazards Listed : Eye irritant

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Risk Phrases: R36 - Irritating to eyes  
R37 - Irritating to respiratory system  
R38 - Irritating to skin

Safety Phrases: S2 - Keep out of the reach of children  
S13 - Keep away from food, drink and animal feedingstuffs  
S25 - Avoid contact with eyes

Hazard Phrases:

Precautionary Phrases:

Likely Routes of Exposure: Skin, eyes

Eye: R 36: Direct exposure can irritate  
 Skin: R 38: Prolonged or repeated exposure can irritate  
 Ingestion: Not expected to be a problem  
 Inhalation: Not likely to be a problem

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 not 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
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Component	CAS#	% by Weight	WHMIS Controlled
Non-ionic Surfactant	NA	6-9	Y
Sodium Xylene Sulfonate	1300-72-7	3-6	Y
Odor Counteractant	NA	0.5-1.5	N
Water	7732-18-5	70-90	N
Ethanol	64-17-5	0.5 - 1.5	Y

Section 4. First Aid Measures
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Eye Contact: S 26: Flush eyes with copious amounts of clean water, holding lids open. Remove contact lenses. If irritation persists, consult a physician.  
 Skin Contact: S 27/S 28: Remove contaminated clothing, flush with water  
 Inhalation: S 63: If irritation occurs, move person to fresh air  
 Ingestion: S 64: If conscious, give water or milk to drink. Consult a physician.

Note to Physicians:

Section 5. Fire Fighting Measures
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Suitable Extinguishing Media: Water, foam, dry chemical, carbon dioxide  
 Unsuitable Extinguishing Media: None known  
 Products of Combustion: Oxides of carbon, nitrogen, sulfur  
 Protection of Firefighters: As for surrounding fire

Section 6. Accidental Release Measures
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Personal Precautions: Reasonable care. Keep away from skin and eyes  
 Environmental Precautions: Keep out of surface waters  
 Methods for Containment: Dike with sand, clay or other suitable material  
 Methods for Clean-Up: Absorb with sand, clay or other suitable material

Other Information:

Section 7. Handling and Storage
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**HANDLING**

Reasonable care. Keep away from skin and eyes

**STORAGE**

S 2: Keep out of the reach of children. Store in original container at ambient temperatures.

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

**EXPOSURE GUIDELINES**

<b>COMPONENT:</b>	<b>TWA:</b>	<b>LD-50</b>
Non-ionic Surfactant	NA	NA
Sodium Xylene Sulfonate	NA	NA
Odor Counteractant	None established	Not determined
Water	Not applicable	Not applicable
Ethanol	TLV 1000 ppm	7060 mg/kg

Engineering Controls: Normal ventilation

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

General Hygiene Considerations: S 13: Keep away from food and beverages. Reasonable care. Always practice good housekeeping and hygienic measures, supervise children's use.

**Section 9. Physical and Chemical Properties**

Color: Transparent clear	Odor: Mint aroma
Physical State: Liquid	Odor Treshhold:
pH: 6.0-8.0	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point:
Flash Point:	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1.04
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble
Less than 10%	Percent Volatile: 75-80% including water

**Section 10. Stability and Reactivity**

Stability: Stable

Conditions to Avoid: None known

Incompatable Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely improbable

**Section 11. Toxicology Information**

**ACCUTE EFFECTS**

Oral LD50:	Not determined for mixture. Weighted average more than 3000 mg/kg.
Dermal LD50:	Not determined for mixture. Weighted average more than 5000 mg/kg.
Inhalation:	Not determined for mixture. Weighted average more than 7 milligrams per Liter.
Eye Irritation:	R 36: Direct contact can irritate. Irritation can become moderate to severe if eyes are not flushed with water immediately
Skin Irritation:	R 38: Prolonged or repeated contact can dry or 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: None known  
Persistence/Degradability: Biodegradable  
Bioaccumulation/Accumulation: None known  
Mobility in Environment: Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to 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 : No SARA 313 Substances present at reportable levels

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

No Proposition 65 substances present at reportable levels.

WHMIS: Canadian Workplace Hazardous Material Information System

B 3

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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