

MATERIAL 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, D 2 B

Section 1: Product and Company Identification

Product: NeutrOLene Allied Science
Neutralizer

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

EMERGENCY OVERVIEW

Appearance/Odor: Blue-green liquid, spicy aroma

Classified as hazardous by the criteria of NOHSC.

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.

Likely Routes of Exposure: Skin, eyes

Eye: Direct exposure can irritate

Skin: 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 2. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Water	7732-18-5	40 - 60	N
Ethanol	64-17-5	1 - 5	Y
Nonionic Surfactant	NA	15-20	Y

Sodium Xylene Sulfonate	1300-72-7	6-8	Y
Odor Counteractant	NA	12-16	N

Section 3. 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:	Give water or milk to drink if conscious.
Note to Physicians:	Contains more than 10% fragrance oils. Induction of vomiting is NOT recommended. If needed, gastric lavage may be used.

Section 4. Fire Fighting Measures

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

Section 5. Accidental Release Measures

Personal Precautions:	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 6. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Section 7. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Ethanol	TLV 1000 ppm	7060 mg/kg
Nonionic Surfactant	NA	NA
Sodium Xylene Sulfonate	NA	NA
Odor Counteractant	None established	NA

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: Keep out of food and beverages.

Color: Transparent blue-green

Odor: Characteristic spicy 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 Flammability Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1.02
Vapor Density: Not determined	Auto-ignition Temperature: Not determined.
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble. At some concentrations may appear milky on first mixing.
Less than 5%	Percent Volatile: 65% including water

Section 8. Stability and Reactivity

Stability: Stable
Conditions to Avoid: None known
Incompatible Materials: None known
Hazardous Decomposition Products: None known
Possibility of Hazardous Reactions: Extremely improbable

ACCUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 2700 mg/kg.
Dermal LD50: Not classified as toxic by skin contact. Not determined for mixture. Weighted average more than 5700 mg/kg.
Inhalation: Not classified as toxic by inhalation. Not determined for mixture. Weighted average more than 9 mg/L.
Eye Irritation: Direct contact is irritating. If eyes are not rinsed immediately, irritation can become severe.
Skin Irritation: Prolonged or repeated contact 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 9. Ecological Information

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

Section 10. Disposal Considerations

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

Section 11. Transportation Information
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US DOT (ground)
Proper Shipping Description: NOT REGULATED
CANADA TDG (ground)
Proper Shipping Description: NOT REGULATED
ICAO (air)
Proper Shipping Description: NOT REGULATED

IMDG (water)

Proper Shipping Description: NOT REGULATED

Section 12. 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

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, D 2 B

Section 13. Other Information

Legends:

NFPA, HMIS:

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

Risk Phrases:

Safety Phrases:

Prepared By: Technical Dept.

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