

TREVIGEN®

MATERIAL SAFETY DATA SHEET

CHEMICAL IDENTIFICATION

PRODUCT NAME: Nuclear Fast Red

CATALOG NUMBERS: **4800-30-17**; 4811-30-K; 4828-30-BC; 4828-30-BK

COMPOSITION/INFORMATION ON INGREDIENTS:

Nuclear Fast Red Solution CAS#: none	SARA 313: No
Nuclear Fast Red (0.1%) CAS#: 6409-77-4	SARA 313: No
Aluminum Sulfate (5%) CAS#: 10043-01-3	SARA 313: No
Thymol (0.0001%) CAS#: 89-83-8	SARA 313: No

HAZARDS IDENTIFICATION

Label Precautionary Statements:

Thymol is present at a very low amount in the Nuclear Fast Red (0.0001%). According to the OSHA Hazard Communications Standard (CFR 1910.1200), if a mixture contains less than 1% of a hazardous chemical or 0.1% of a carcinogen, the mixture shall not be considered hazardous. However, precautions for handling potentially dangerous reagents should be practiced when using these products. To aide in the determining handling procedures, we offer the following data:

LD₅₀ (thymol) = 980 mg/kg (rat: oral)

Irritant: Irritating to respiratory system and skin. Risk of serious damage to eyes. Target Organs: Lungs. Bones.

Emergency Overview:

HMIS RATING: Health: 2	Flammability: 0	Reactivity: 0
NFPA RATING: Health: 2	Flammability: 0	Reactivity: 0

FIRST AID MEASURES:

Eye exposure: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers Call a physician.

Oral exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Dermal exposure: In case of contact, immediately wash with copious amounts of soap and water.

Inhalation exposure: If inhaled, remove to fresh air. If breathing with difficulty, give oxygen. If not breathing, give artificial respiration. Call a physician.

FIRE FIGHTING MEASURES:

FLASH POINT	N/A
AUTOIGNITION TEMP	N/A
FLAMMABILITY	N/A
EXTINGUISHING MEDIA	

Suitable: Water spray, Carbon dioxide, dry chemical powder, or appropriate foam.

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PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear laboratory coat, safety goggles, rubber boots, and rubber gloves. Wash contaminated clothing thoroughly after handling and before reuse.

METHODS FOR CLEANING UP

Absorb on sand or vermiculite and place in closed containers for disposal. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

HANDLING

Storage: room temperature

STORAGE

Suitable: Keep tightly closed.

STABILITY

Stable at room temperature.

Materials to Avoid: Strong Oxidizing agents.

Hazardous decomposition products: Nature of decomposition products not known.

ROUTE OF EXPOSURE

Inhalation: May be harmful if inhaled; material is irritating to mucous membranes and upper respiratory tract.

Skin: May be harmful if absorbed through the skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

TARGET ORGAN(S) or SYSTEM(S)

Lungs. Bones.

DISPOSAL

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix this liquid with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SHIPPING

DOT: Not Hazardous

IATA: Not Hazardous

REGULATORY INFORMATION**EU ADDITIONAL CLASSIFICATION**

Symbol of Danger: Xi

Indication of Danger: Irritant

R: 36

Risk Statements: Irritating to eyes.

S: 26

Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Irritant.

Risk Statements: Irritating to respiratory system and skin. Risk of serious damage to eyes.

Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

US Statements: Target Organs: Lungs; bones.

SARA LISTED: No

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CANADA REGULATORY INFORMATION:

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: Yes

NDSL: No

OTHER INFORMATION

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product. This MSDS does not represent any guarantee of the properties of the product.

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