



UNISOURCE CHEMICALS PRIVATE LIMITED

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NUCLEAR FAST RED

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION:

CAS-No.: 6409-77-4

Molecular Weight: 357.28 g/mol

Formula Hill: C₁₄H₈NNaO₇S

2. COMPOSITION, INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Nuclear fast red	6409-77-4		

3. HAZARDS IDENTIFICATION:

No hazardous product as specified.

4. FIRST AID MEASURES:

After inhalation: fresh air.

After skin contact: wash off with water.

After eye contact: rinse out with plenty of water with the eyelid held wide open.

After swallowing: make victim drink plenty of water, induce vomiting, call in physician.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing media:

In adaption to materials stored in the immediate neighbourhood.

Special risks:

Combustible. Formation of hazardous combustion gases or vapours possible in event of fire. The following may develop in event of fire: nitrous gases, sulfur oxides.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Other information:

Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

6. ACCIDENTAL RELEASE MEASURES:

Person-related precautionary measures: Avoid generation of dusts; do not inhale dusts.

Environmental-protection measures: Do not allow to enter sewerage system.

Procedures for cleaning / absorption: Take up dry. Forward for disposal. Clean up affected area.

7. HANDLING AND STORAGE:

Handling: No further requirements.

Storage: Tightly closed. Dry. At +5°C to +30°C.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

Exposure Limits

<u>Chemical Name</u>	<u>ACGIH</u>	<u>NIOSH</u>	<u>OSHA - Final PEL's</u>
Nuclear fast red	None listed	None listed	None listed

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: required when dusts are generated.

Eye protection: required

Hand protection: In full contact:

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form: solid

Colour: dark brown

Odour: almost odourless

pH value: at 1 g/l H₂O (20 °C) ~ 5.5-7.0

Melting point: not available

Boiling point : not available

Ignition temperature: not available

Flash point: not available

Explosion limits lower not available: upper not available

Density : not available

Bulk density : ~ 400-450 kg/m³

Solubility in: water (25 °C) 1 g/l

10. STABILITY AND REACTIVITY:

Conditions to be avoided no information available

Substances to be avoided strong oxidizing agents.

Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION:

Acute toxicity Quantitative data on the toxicity of this product are not available.

Further toxicological information Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Further data

The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION:

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available.

Further ecologic data: Do not allow to enter waters, waste water, or soil!

13. DISPOSAL CONSIDERATIONS:

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations

or must be passed to a packaging return system. Under www.retrologistik.de you will find special

information on the respective national conditions as well as contact partners.

14. TRANSPORT INFORMATION:

Not regulated.

15. REGULATORY INFORMATION:

Labeling according to EC Directives

Symbol:

R-phrases: ---

S-phrases: ---

16. DISCLAIMER INFORMATION:

DISCLAIMER

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