

SAFETY DATA SHEET

1st Edition: 09 Jan 2020

2nd Edition: 21 Oct 2020

Section 1 – Identification

Product name: Reticulonac
 Product code: MK-110W
 Supplier: Nihon Kohden Corporation
 Address: 1-31-4 Nishiochiai, Shinjuku-ku, Tokyo 161-8560, Japan
 Telephone number: +81 (3) 5996-8041
 Fax: +81 (3) 5996-8085
 Website for contact: <https://www.nihonkohden.com/contact/index.html>
 Emergency telephone number: +81 (3) 5996-8022
 Recommended use and restrictions on use: Staining reagent for Nihon Kohden hematology analyzer

Section 2 – Hazards Identification

GHS classification: Skin corrosion/irritation, Category 3
 GHS label elements:
 Pictograms or hazard symbols: None
 Signal word: Warning
 Hazard statement: Slight skin irritation
 Prevention precautionary statements: P332+313: If skin irritation occurs, get medical advice or medical attention.

Section 3 – Composition/Information on Ingredients

Substance/mixture: Mixture
 Hazardous ingredients:

Chemical Name	CAS No.	Composition (w%)
Sodium fluoride	7681-49-4	< 0.1%
Sodium azide	26628-22-8	< 0.1%
Sodium hydroxide	1310-73-2	< 0.1%
Ethylenediaminetetraacetic acid disodium salt dihydrate	6381-92-6	< 0.1%

For details of the ingredients, contact your Nihon Kohden representative.

Section 4 – First Aid Measures

Inhalation: Move to fresh air and get rest.
 Skin contact: Wash skin with plenty of water.
 Eye contact: Wash eyes with plenty of water immediately and get medical advice.
 Ingestion: Rinse mouth with water immediately. Do not force vomiting. Get medical advice.

Section 5 – Fire-fighting Measures

Extinguishing media: Water spray, foam extinguisher, CO₂, dry sand
 Specific hazards: The container may explode when it is heated.
 Irritating, toxic and/or corrosive gas may be produced when fire occurs.
 Special fire fighting procedures: The product is nonflammable, but when fire occurs, immediately move the product away from fire.
 Protective actions for fire-fighters: Wear fire-protective, nonflammable or fireproof clothing.
 Wear protective gear such as gloves, clothing, goggles or mask.
 Wear self-contained breathing apparatus (positive pressure).

Section 6 – Accidental Release Measures

Personal precautions, handling accidental leakage of the product and wearing protection:

Ventilate the room adequately until the spillage is collected and cleaned.

Wear appropriate protective gear for skin, eyes and clothing.

Environmental precautions:

Do not drain the product into public drainage or waterway.

Methods and materials for containment and cleaning up:

Small spill: Use a waste cloth or sawdust to absorb the product and incinerate it.

Large spill: Construct temporary dikes of sand to prevent spreading of the product. Try collecting the product.

Section 7 – Handling and Storage

Handling:

Technical measures: Wear appropriate protective gear for eyes and skin.

Precautions: Only use the product in prescribed facilities and procedures.

Storage:

Technical measures: Seal the container.

Storage conditions: Store the product in a cool place (2 to 8°C, 36 to 46°F). Do not freeze the product.

Packing material: Polyethylene container, cardboard box

Section 8 – Exposure Controls/Personal Protection

Engineering measures: Ventilation, washing facility, drainage

Personal protective equipment: Protective goggles, gloves, clothing

Section 9 – Physical and Chemical Properties and Safety Characteristics

Physical state:	Liquid
Colour:	Clear yellow
Odour:	None
Boiling point:	No data
Flammability:	No data
Lower/upper flammability or explosive limit/flamability limit:	No data
Flash point:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
pH:	7.8 to 8.2
Kinematic viscosity:	No data
Vapour pressure:	No data
Density and/or relative density:	1.01 g/cm ³
Relative vapour density:	No data
Particle characteristics:	No data

Section 10 – Stability and Reactivity

Reactivity:	Non-flammable
Chemical stability:	Stable under the recommended conditions of handling and storage
Possibility of hazardous reactions:	No data
Conditions to avoid:	Incompatible substances, high temperature, direct sunlight, ignition sources
Incompatible substances:	Bases, strong oxidizers
Hazardous decomposition produces:	Carbon oxides and nitrogen oxides are produced when fire occurs.

Section 11 – Toxicological Information

No data

Section 12 – Ecological Information

No data

By its physicochemical nature, there is a possibility to move into an aquatic or soil environment.

Section 13 – Disposal Considerations

Waste of the remainder: Follow your local laws when disposing of the product.

Pollution container and wrapping: Follow your local laws when disposing of the product.

Section 14 – Transport Information

International regulations:

Ocean transportation: Not restricted.

Air transportation: Not restricted.

Ground transportation: Not restricted.

UN number: None

UN proper shipping name: None

Marine pollutant (Sea): None

Domestic regulations: Not applicable

Special precautions: Make sure that there is no leakage. Do not turn over, drop or damage product containers when loading. Tie down product containers to prevent load shifting. Transport the product between 2 and 8°C (36 and 46°F).

Section 15 – Regulatory Information

None

Section 16 – Other Information

None

<p>This data sheet is complete and accurate to the best of our knowledge but all information may not be covered. Any product may contain unknown harmful substances. This product must be handled carefully and used under the responsibility of the user, taking appropriate safety measures.</p>
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