

SAFETY DATA SHEET

1st Edition:19 Jan 2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: ISOTONAC•4

Product code: MEK-641

1.2 Relevant identified uses of the substance or mixture and uses advised against

Diluent for Nihon Kohden hematology analyzer

1.3 Details of the supplier of the safety data sheet

Nihon Kohden Corporation

1-31-4 Nishiochiai, Shinjuku-ku, Tokyo 161-8560, Japan

Tel: +81 (3) 5996-8041

Fax: +81 (3) 5996-8085

1.4 Emergency telephone number

1-800-424-9300; CHEMTREC (US)

613-996-6666; CANUTEC (Canada)

+81 3-5996-8022 (Outside US and Canada)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified

2.2 Label elements

Hazard pictogram: None

Signal word: None

Hazard statement: None

Precautionary statement: None

2.3 Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Chemical name | Concentration or Its Ranges | CAS Number | EC Number REACH Registration No. | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|-----------------------------|------------|----------------------------------|---|
| This product does not contain substances to be mentioned. | | | | |

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Move to fresh air and get rest.

Skin contact: Wash the skin with plenty of running water.

Eye contact: Immediately wash the eyes with plenty of running water and see a physician.

Ingestion: Immediately wash the mouth. Do not force vomiting. See a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray, foam extinguisher, CO₂, dry sand
 Unsuitable extinguishing media: No data available

5.2 Special hazards arising from the substance or mixture

The container may explode when it is heated.
 Irritating, toxic and/or corrosive gas may be produced when fire occurs.

5.3 Advice for firefighters

Wear fire-protective, nonflammable or fireproof clothing.
 Wear protective gear such as gloves, clothing, goggles.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective gloves, protective clothing, eye protection and face protection for skin, eyes and clothing.

6.2 Environmental precautions

Do not drain the product into public drainage or waterway.

6.3 Methods and material 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.

6.4 Reference to other sections

See "SECTION 8: Exposure controls/personal protection" and "SECTION 13: Disposal considerations"

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures: Wear appropriate protective gear for eyes and skin.
 Precautions: Only use the product in prescribed facilities and procedures.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Seal the container.
 Storage conditions: Store the product in a cool place (1 to 30°C, 34 to 86°F). Avoid direct sunlight.
 Packing material: Polyethylene container, cardboard box

7.3 Specific end use(s)

No relevant information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Chemical name | ACGIH(TLV) | OSHA(PEL) | DFG(REL) |
|-------------------|------------|-----------|----------|
| No data available | | | |

8.2 Exposure controls

Appropriate engineering controls

Use local exhaust ventilation in case of production of fume or mist.
 Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures

Eye/face protection: Wear eye protection/face protection.
 Skin protection: Wear protective gloves. If necessary, wear protective clothing.
 Respiratory protection: If necessary, wear respiratory protection.
 Thermal hazards: No data available

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|-------------------------------------|
| Physical state: | Liquid |
| Colour: | Clear |
| Odour: | None |
| Melting point/freezing point: | No data available |
| Boiling point or initial boiling point and boiling range: | No data available |
| Flammability: | Noncombustible |
| Lower and upper explosion limit: | No data available |
| Flash point: | No data available |
| Auto-ignition temperature: | Noncombustible |
| Decomposition temperature: | No data available |
| pH: | 7.2 to 7.6 (25°C, 77°F) |
| Kinematic viscosity: | No data available |
| Solubility: | Water soluble |
| Partition coefficient n-octanol/water: | No data available |
| Vapour pressure: | No data available |
| Density and/or relative density: | 1.01 g/cm ³ (20°C, 68°F) |
| Relative vapour density: | No data available |
| Particle characteristics: | No data available |

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008

| | |
|---|---|
| Acute toxicity (Oral): | Unable to classify due to insufficient data. |
| Acute toxicity (Dermal): | Unable to classify due to insufficient data. |
| Acute toxicity (Inhalation: gas): | Does not fall under gas based on GHS definitions. |
| Acute toxicity (Inhalation: vapour): | Unable to classify due to insufficient data. |
| Acute toxicity (Inhalation: dust/mist): | Unable to classify due to insufficient data. |
| Skin corrosion/irritation: | Unable to classify due to insufficient data. |
| Serious eye damage/eye irritation: | Unable to classify due to insufficient data. |
| Respiratory or skin sensitisation: | Unable to classify due to insufficient data. |
| Germ cell mutagenicity: | Unable to classify due to insufficient data. |
| Carcinogenicity: | Unable to classify due to insufficient data. |
| Reproductive toxicity: | Unable to classify due to insufficient data. |

| | |
|------------------------------------|--|
| STOT-single exposure: | Unable to classify due to insufficient data. |
| STOT-repeated exposure: | Unable to classify due to insufficient data. |
| Aspiration hazard: | Unable to classify due to insufficient data. |
| 11.2. Information on other hazards | No data available |

SECTION 12: Ecological information

| | |
|---|--|
| 12.1. Toxicity | |
| Hazardous to the aquatic environment short-term (Acute): | Unable to classify due to insufficient data. |
| Hazardous to the aquatic environment long-term (Chronic): | Unable to classify due to insufficient data. |
| 12.2. Persistence and degradability | No data available |
| 12.3. Bioaccumulative potential | No data available |
| 12.4. Mobility in soil | No data available |
| 12.5. Results of PBT and vPvB assessment | No data available |
| 12.6. Endocrine disrupting properties | No data available |
| 12.7. Other adverse effects | |
| Hazardous to the ozone layer: | No data available |

SECTION 13: Disposal considerations

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|-----------------------------------|--|
| 13.1 Waste treatment methods | |
| Waste of the remainder: | Dispose of the product according to your local laws and your facility's guidelines for waste disposal. |
| Pollution container and wrapping: | Dispose of the product according to your local laws and your facility's guidelines for waste disposal. |

SECTION 14: Transport information

| | |
|--|---|
| 14.1 UN number or ID number | Not regulated |
| 14.2 UN proper shipping name | Not regulated |
| 14.3 Transport hazard class(es) | Not regulated |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not regulated |
| 14.6 Special precautions for user | Do not expose the product to direct sunlight during loading or transport. Avoid causing damage to the product containers or decay or leakage of the contents during loading. Tie down the product containers firmly to prevent load shifting. |
| 14.7 Maritime transport in bulk according to IMO instruments | Not applicable |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No main regulation

15.2 Chemical safety assessment

None

SECTION 16: Other information

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists

TLV: Threshold Limit Values

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limits

DFG: Deutsche Forschungsgemeinschaft

REL: Recommended Exposure Limits

Literature references

NITE GHS

ECHA

EU CLP Regulation, Annex VI

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.