# SAFETY DATA SHEET

1st Edition: 12 Mar 2014
5th Edition: 07 Sep 2026

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

1.1 Product identifier

Product name: Celltac Chemi Rinse Solution

Product code: RN-410V

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

Rinse solution for Nihon Kohden Clinical Chemistry 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)
+1 613-996-6666; CANUTEC (Canada)
+81 3-5996-8022 (Outside US and Canada)

## SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Skin sensitisation Category 1A
Hazardous to the aquatic environment long-term (Chronic) Category 3

2.2 Label elements

Hazard pictogram:



Signal word: Warning

| | | |
|---|---|---|
| Hazard statements: | H317 | May cause an allergic skin reaction. |
| | H412 | Harmful to aquatic life with long lasting effects |
| Precautionary statements: | P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| | P272 | Contaminated work clothing should not be allowed out of the workplace. |
| | P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| | P273 | Avoid release to the environment. |
| | P302 + P352 | IF ON SKIN: Wash with plenty of water. |
| | P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| | P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| | P501 | Dispose of contents/container in accordance with local and national regulations. |

2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Reagent Name | Chemical Name | Concentration or Its Ranges | CAS Number | EC Number REACH Registration No. | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|---|---|
| Rinse solution | Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)<br>*Proclin300 | 0.003% | 55965-84-9 | 911-418-6 | Acute Tox. 2; H330<br>Acute Tox. 2; H310<br>Acute Tox. 3; H301<br>Skin Corr. 1C[1]; H314<br>Eye Dam. 1[2]; H318<br>Skin Sens. 1A[3]; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410 |

[1] Skin Corr. 1C Concentration limit is ≥ 0.6%, Skin Irrit. 2; Concentration limit is ≥ 0.06 % and < 0.6 %

[2] Eye Dam Concentration limit is ≥ 0.6 %, Eye Irrit. 2; Concentration limit is ≥ 0.06% and < 0.6 %

[3] Concentration limit is ≥ 0.0015%.

## SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: This product is nonvolatile. No risk of inhalation.

Skin contact: Wash thoroughly with running water and see a physician.

Eye contact: Wash thoroughly and immediately with plenty of water for more than 15 minutes and see a physician.

Ingestion: Wash inside mouth thoroughly with water, drink a lot of water, try vomiting the product and 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, powder extinguisher, foam extinguisher

Unsuitable extinguishing media: No data available

5.2 Special hazards arising from the substance or mixture

The product is nonflammable, but when fire occurs, immediately remove the product away from fire.

5.3 Advice for firefighters

Aqueous solutions is nonflammable, but when fire occurs, spray extinguishing media.

## SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

To avoid skin contact, wear protection such as gloves, mask, protective clothing and goggles when handling.

6.2 Environmental precautions

Do not drain the product into public drainage or waterway.

6.3 Methods and material for containment and cleaning up

Recover with nonflammable absorbent. After recovery, wash away hazard area with a lot of water.

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.
Do not inject or drink the product.
Not to contact with eyes and skin, wear protection.

Hygiene measures: Do not eat, drink or smoke while handing the product. Wash hands thoroughly after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store at room temperatures between 1 and 30°C (34 and 86°F) and avoid direct sunlight.

Packing material: Paper

Container material: Polyethylene, Polypropylene

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, a safety shower and a drainage facility.

Individual protection measures

Eye/face protection: Wear eye protection/face protection.

Skin protection: Wear protective gloves. 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

Color: Colorless and transparent

Odor: 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: Neutrality

Kinematic viscosity: No data available

Solubilities: Soluble in water

Partition coefficient n-octanol/water: No data available

Vapour pressure: No data available

Density and/or relative density: No data available

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

Stable under recommended handling and storage conditions.

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): Category 3: 55965-84-9 (Oral - Rat $LD_{50}$ 66 mg/kg)
Classification result: Not classified

Acute toxicity (Dermal): Category 2: 55965-84-9 (Dermal - Rabbit $LD_{50}$ 87.12 mg/kg)
Classification result: Not classified

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): Category 2:55965-84-9 (Inhalation - Rat 4 h $LC_{50}$ 0.171 mg/L)
Classification result: Not classified

Skin corrosion/irritation: Category 1C: 55965-84-9 (Skin Corr. Category 1C ≥ 0.6%, 0.6% > Skin Irrit. Category 2 ≥ 0.06%)
Classification result: Not classified

Serious eye damage/eye irritation: Category 1: 55965-84-9 (Eye Dam. Category 1 ≥ 0.6%, 0.6% > Eye Irrit. Category 2 ≥ 0.06%)
Classification result: Not classified

Respiratory sensitisation: Unable to classify due to insufficient data.

Skin sensitisation: Category 1A: 55965-84-9 (Category 1A ≥ 0.0015%)

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):

Category 1: 55965-84-9 (M=100)

(M × 10 × Category 1) + Category 2 < 25%

Classification result: Not classified

Hazardous to the aquatic environment long-term (Chronic):

Category 1: Category 1: 55965-84-9 (M=100)

(M × 100 × Category 1) + (10 × Category 2) + Category 3 ≥ 25%

Classification result: Category 3

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

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

Make sure that there is no damage or leakage on the product containers. Do not turn over, drop or damage the product containers when loading. Tiedown the product containers 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

EU - REACH (1907/2006) Article 59 (1) Candidate List of Substances Subject to Authorization

Annex XVII Restrictions of Certain Dangerous Substances, Mixtures and Articles

15.2 Chemical safety assessment

See "SECTION 8: Exposure controls/personal protection" and "SECTION 11: Toxicological information"

## 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 |
| Acute Tox. 2: | Acute toxicity Category 2 |
| Acute Tox. 3: | Acute toxicity Category 3 |
| Skin Corr. 1A: | Skin corrosion/irritation Category 1-1A |
| Skin Corr. 1C: | Skin corrosion/irritation Category 1-1C |
| Eye Dam. 1: | Serious eye damage/eye irritation Category 1 |
| Skin Sens. 1A: | Skin sensitisation Category 1-1A |
| Aquatic Acute 1: | Hazardous to the aquatic environment short-term (Acute) Category 1 |
| Aquatic Chronic 1: | Hazardous to the aquatic environment long-term (Chronic) Category 1 |
| H301 | Toxic if swallowed. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

Literature references

NITE GHS
ECHA
EU CLP Regulation, Annex VI

Amendment

This safety data sheet has been revised in accordance with REACH (EC 1907/2006) and CLP (EC 1272/2008) regulations.

Changes made in the most recent edition are indicated by a bar in the left margin of each page.

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.