

# SAFETY DATA SHEET

1st Edition: 19 Jan 2017  
2nd Edition: 18 Feb 2021

## Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

Product name: Elefix  
 Product code: Z-401CE, Z-181BE, Z-181JE  
 Supplier: Nihon Kohden Corporation  
 Address: 1-31-4 Nishiochiai, Shinjuku-ku, Tokyo 161-8560, Japan  
 Telephone number: +81 3-5996-8036  
 Fax: +81 3-5996-8100  
 Website for contact: <http://www.nihonkohden.com/contact/intl.html>  
 Emergency telephone number: 1-800-424-9300; CHEMTREC (US)  
 613-996-6666; CANUTEC (Canada)  
 +81 3-5996-8022 (Outside US and Canada)  
 Recommended use and restrictions on use: Electrode paste for EEG

## Section 2 – Hazards Identification

GHS classification: Not applicable

## Section 3 – Composition/Information on Ingredients

Substance/mixture: Mixture

Ingredients of the paste\*1:

Chemical Name	EINECS	CAS No.
Water	2317912	7732-18-5
Polyoxyethylene oleyl ether phosphate	—	39464-69-2
Glycerin	2002895	56-81-5
Calcium carbonate	2074399	471-34-1
Liquid petrolatum	2324558	8042-47-5
Propylene glycol	2003380	57-55-6
Lanolin alcohol	2324301	8027-33-6
Sodium chloride	2315983	7647-14-5
Sodium hydroxide*2	2151855	1310-73-2
Polyoxyethylene hydrogenated lanolin	—	68648-27-1
Coconut fatty acid diethanolamide	2716570	68603-42-9
Polyoxyethylene stearylether	—	9005-00-9
Polyoxyethylene oleyl ether	—	9004-98-2
Dibutylhydroxytoluene*3	2048814	128-37-0
Methyl parahydroxybenzoate*3	2027857	99-76-3
Propyl parahydroxybenzoate	2023077	94-13-3

\*1 For details of the ingredients, contact your Nihon Kohden representative.

\*2 Neutralized with polyoxyethylene oleyl ether phosphate

\*3 Content: less than 0.1%

Other ingredients: Z-401CE  
 Container: Polypropylene  
 Cup: Polyethylene  
 Packing: Polyethylene  
 Label: Paper (Adhesive: Acrylic)  
 Z-181BE, Z-181JE  
 Tube: Low-density polyethylene  
 Cap for the tube: Polypropylene  
 Label on the tube: Laminated paper (Adhesive: Acrylic)

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## Section 4 – First Aid Measures

Eye contact:	Wash thoroughly with running water for few minutes. Then remove contact lenses when they are in the eyes and can be removed easily. Keep rinsing eyes out with water. If irritation continues, see a physician.
Ingestion:	If feeling unwell, see a physician.

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## Section 5 – Fire-fighting Measures

Extinguishing media:	Powder extinguisher, foam extinguisher, CO <sub>2</sub> extinguisher, water
Special fire fighting procedures:	Not needed. Use the above extinguisher and extinguish a fire from the windward side.
Protective actions for fire-fighters:	Extinguish a fire from the windward side. Wear appropriate gloves and mask.

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## Section 6 – Accidental Release Measures

Environmental precautions:	Do not release the product in the environment.
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## Section 7 – Handling and Storage

Handling:	
Technical measures:	Should be handled by trained personnel. Do not use the expired product. Use up the product as soon as possible. Close the cap each time.
Safe handling advice:	Before using the product, read the operator's manual thoroughly. Use the product after understanding all the precautions on the manual. Wash hands thoroughly after use.
Storage:	
Storage conditions:	Avoid direct sunlight. Store in a well-ventilated and dark place. Keep the product away from children.

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## Section 8 – Exposure Controls/Personal Protection

Hygienic measures:	Wash hands thoroughly after use. Wipe the product away from patient skin with water or lukewarm water.
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## Section 9 – Physical and Chemical Properties and Safety Characteristics

Appearance (physical state, color etc.):	
Physical state:	Greasy
Color:	Creamy white
Odor:	None
pH:	Slightly alkaline (1% suspension)
Boiling point:	105°C (221°F)
Melting point:	75°C (167°F)
Density:	1.07 g/cm <sup>3</sup>
Flash point:	151°C (304°F)(Cleveland open-cup method)
Auto-ignition point:	490°C (914°F)
Aqueous solubility:	Everything except calcium carbonate (colorant) dissolves in water.

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## Section 10 – Stability and Reactivity

Hazardous decomposition produce:	If burnt, carbon oxide or other hazardous gas or vapor might be produced.
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## Section 11 – Toxicological Information

Acute toxicity:	No data
Skin corrosion/irritation:	No abnormality was found on a rabbit skin patch test.
Skin sensitization:	No abnormality was found on a marmot skin sensitization test.

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## Section 12 – Ecological Information

No data

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## Section 13 – Disposal Considerations

Waste of the remainder:	Follow your local laws and your facility's guidelines for waste disposal.
Pollution container and wrapping:	Follow your local laws and your facility's guidelines for waste disposal.

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## Section 14 – Transport Information

IMDG (Ocean transportation):	Not restricted.
IATA (Air transportation):	Not restricted.
Special safety measure:	Avoid high temperature, direct sunlight and wetting. Load the product without damaging or wetting the product. Take measures for preventing cargo shift. Transport the product avoiding friction or shake.

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## Section 15 – Regulatory Information

None

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## Section 16 – Other Information

Reference:	Standards for Cosmetics (Ministry of Health and Welfare Notification No. 331 of 2000) Japan Chemical Industry Ecology-Toxicology & Information Center, 1992 CTFA Cosmetic Ingredient Dictionary 3rd, Ed. & Supplement (The Cosmetic, Toiletry and Fragrance Association) International Chemical Safety Cards (ICSC) – Japanese version Kishida Chemical Co., Ltd. MSDS Tokyo Chemical Industry Co., Ltd. MSDS Chemical Risk Information Platform (CHRIP) by National Institute of Technology and Evaluation
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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.