

Material Safety Data Sheet

according to 1907/2006/EC, Article 31



Product name: **N**-Histofine Simple Stain MAX PO (M)
N Universal Immuno-peroxidase Polymer, Anti-Mouse
N-Histofine Immunohistochemical staining reagent

Revised Date: 22/Jan/2009
Issued Date: 19/May/2005

Section1. Product identification

Product Number: 414131F (170tests), 414132F (500tests), 414134F (1500tests)
Consistent name: Universal Immuno-peroxidase Polymer, Anti-Mouse
Chemical nature: Aqueous, protein-containing mixture

CAS Number: None
Formula: None
EINECS Number: None

Manufacturer's name: NICHIREI BIOSCIENCES INC.

Address (Number, Street, City, State, and ZIP Code): 6-19-20, TSUKIJI, CHUO-KU, TOKYO, 104-8402, JAPAN

Emergency Telephone Number: 81-3-3248-2207

Section2. Hazards identification

NFPA RATINGS (SCALE 0-4): HEALTH=1 FIRE=0 REACTIVITY=0

EC CLASSIFICATION: No classification assigned.

EMERGENCY OVERVIEW:

COLOR: Light yellow color

PHYSICAL FORM: liquid

ODOR: odorless to faint odor

MAJOR HEALTH HAZARDS: No information.

POTENTIAL HEALTH EFFECTS:

INHALATION:

SHORT TERM EXPOSURE: No information

LONG TERM EXPOSURE: If you inhale a large amount of this product, it may be harmful.

SKIN CONTACT:

SHORT TERM EXPOSURE: No information

LONG TERM EXPOSURE: If you come in contact for a long term with this products, it may be harmful.

EYE CONTACT:

SHORT TERM EXPOSURE: Irritation

LONG TERM EXPOSURE: No information. But it may be harmful.

INGESTION:

SHORT TERM EXPOSURE: nausea, diarrhea, vomiting, irregular heartbeat

LONG TERM EXPOSURE: No information. But it may be harmful.

Section3. Composition / information on ingredients

COMPONENT: Non-Hazardous

CAS NUMBER: Not assigned.

EC NUMBER: Not assigned.

PERCENTAGE: >90

EC CLASSIFICATION: No classification assigned.

RISK PHRASES: Not assigned.

COMPONENT: Methyl-Isothiazolone as preservatives

CAS NUMBER: Not assigned.

EC NUMBER: Not assigned.

PERCENTAGE: <0.1

EC CLASSIFICATION: Xn

RISK PHRASES: 22-43

COMPONENT: Sodium Chloride

CAS NUMBER: 7647-14-5

EC NUMBER: 231-598-3

PERCENTAGE: <1

EC CLASSIFICATION: Xi

RISK PHRASES: 36

COMPONENT: Bromo-Nitrodioxane as preservatives

CAS NUMBER: Not assigned.

EC NUMBER: Not assigned.

PERCENTAGE: <0.1

EC CLASSIFICATION: Xn

RISK PHRASES: 22-43

Section4. First aid measures

INHALATION: Remove to the place with fresh air. If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.

SKIN CONTACT: Rinse the skin with plenty of water immediately at least 15 minutes. Remove contaminated clothing and shoes. Seek medical advice. In case of accident or if you feel unwell, seek medical advice immediately.

EYE CONTACT: Rinse immediately with plenty of water at least 15 minutes. Seek medical advice.

INGESTION: Rinse the mouth with plenty of water immediately and seek medical advice.



Section5. Fire fighting measures

EXTINGUISHING MEDIA: Water Spray, Carbon Dioxide, Dry Chemical Powder, or Appropriate Form

FIRE FIGHTING: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. If possible, have this product removed from the fire scene.

SENSITIVITY TO MECHANICAL IMPACT: Not sensitive

SENSITIVITY TO STATIC DISCHARGE: Not sensitive

FLASH POINT: Not determined

Section6. Accidental release measures

Prevent contact with eyes and skin. Ensure adequate ventilation.

If allowed, flush to sewer it or collect on absorbent material and dispose of according to local regulations.

Section7. Handling and storage

STORAGE: Store at 2-8 °C (35.6-46.4 °F) in dark place.

Section8. Exposure Controls /Special Protection Information

EXPOSURE LIMIT: No occupational exposure limits established

VENTILATION: Provide adequate ventilation. Ensure compliance with applicable exposure limits.

EYE PROTECTION: Safety glasses or goggles are recommended when there is a potential for eye contact. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

CLOTHING: Lab coat or apron.

PROTECTIVE MATERIAL TYPES: latex, vinyl

RESPIRATOR: No respirator is required under normal conditions of use.

Section9. Physical and chemical properties

BOILING POINT: Stable at normal temperatures and pressure.

VAPOR PRESSURE: Not available

SPECIFIC GRAVITY: Not available

pH: 7.0-8.0

ODOR THRESHOLD: Not available

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

FREEZING POINT: Not available

VAPOR DENSITY: Not available

WATER SOLUBILITY: Not available

VOLATILITY: Not available

EVAPORATION RATE: Not available

Section10. Stability and reactivity

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: None reported.

INCOMPATIBILITIES: Oxidizing materials, bases

HAZARDOUS DECOMPOSITION: None reported.

THERMAL DECOMPOSITION PRODUCTS: Miscellaneous decomposition products

POLYMERIZATION: Will not polymerize.

Section11. Toxicological information

Not available

Section12. Ecological information

Not available

Section13. Disposable considerations

Not available

Section14. Transport information

Not available



Section15. Regulatory information

U.S. REGULATIONS:

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30): Not regulated.

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40): Not regulated.

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):

ACUTE: No

CHRONIC: No

FIRE: No

REACTIVE: No

SUDDEN RELEASE: No

REACTIVE: No

SARA TITLE III SECTION 313 (40 CFR 372.65): Not regulated.

STATE REGULATIONS: California Proposition 65: Not regulated.

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION: Not determined

Section16. Other information

EC RISK PHRASES:

R 22	Harmful if swallowed.
R 36	Irritating to eyes.
R 43	May cause sensitization by skin contact.

LIMITATIONS: The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide.

Nichirei Biosciences, Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Material Safety Data Sheet.