

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

1.1. Product identifier

Product name: TMB ELISA HRP FRIENDLY SOLUTION

Product code: UP664700/UP664701/UP664702

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

1.3. Details of the supplier of the safety data sheet

Company name: Interchim

211 bis av JF Kennedy - BP1140

03103 Montluçon cedex

France

Tel: 00 33 (0)470038855

Fax: 00 33 (0)470038260

Email: interchim@interchim.com

1.4. Emergency telephone number

Emergency tel: ORFILA 01 45 42 59 59

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Repr. 1A: H360

Most important adverse effects: May damage fertility or the unborn child.

2.2. Label elements

Label elements:

Hazard statements: H360: May damage fertility or the unborn child.

Hazard pictograms: GHS08: Health hazard



Signal words: Danger

Precautionary statements: P202: Do not handle until all safety precautions have been read and understood.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

P308+P313: IF exposed or concerned: Get medical advice/attention.

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2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Contains: 2-Pyrrolidinone - CAS 616-45-5 - EC No.: 210-483-1 - 1-5%
Urea hydrogen peroxide - CAS 124-43-6 - EC No. 204-701-4 - 0.5%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. If skin irritation continues, consult a doctor.
Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Check for and remove any contact lenses. May cause irritation to eyes. Consult a doctor.

Ingestion: Do not induce vomiting. Ingestion may cause nausea and vomiting. Consult a doctor.

Inhalation: Remove to fresh air. May cause irritation to respiratory system. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: May cause irritation

Eye contact: May cause irritation

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation. Avoid contact of material with skin or eyes. Wash hands after handling the product.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Prevent further leakage or spillage if safe to do so.
Do not let product enter drains

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: See section 2, 8 & 13 for further information

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Adopt best Manual Handling considerations when handling, carrying and dispensing.
Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)

Specific end use(s): See section 1.2 for further information

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.
Hand protection: Chemical protective gloves
Eye protection: Safety goggles.
Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Clear/Light blue
Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: No data available.

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

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Flash point°C: No data available. **upper:** No data available.
Autoflammability°C: No data available. **Part.coeff. n-octanol/water:** No data available.
Relative density: No data available. **Vapour pressure:** No data available.
VOC g/l: No data available. **pH:** 3.1-3.5

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: No data available

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: Burning produces irritating, toxic and obnoxious fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for product:

Hazard	Route	Basis
Reproductive toxicity	--	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: May cause irritation

Eye contact: May cause irritation

Other information: Carcinogenicity: Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.

Not listed in the OSHA standard 1910.1003 Carcinogens Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Do not re-use empty containers Empty containers can be sent for disposal or recycling

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC). All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory. US State Regulations: New Jersey Right-to-Know Hazardous Substance List:
2-Pyrrolidinone: Y Pennsylvania Right-to-Know Hazardous Substance List:
2-Pyrrolidinone: Y , 1,2, Ethanediamine, N,N'-bis(2-aminoethyl):Y.
Massachusetts Right-to-Know Hazardous Substance List: 2-Pyrrolidinone: Y.

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15.2. Chemical Safety Assessment

Chemical safety assessment: No data is available on this product.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H360: {{{0}}|message=May damage fertility or the unborn child <state specific effect if known>|||default=May damage fertility or the unborn child|||filter=(_)?H_360.+}} {{{1}}|message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>|||filter=(_)?EXP_ROUTE_.+}}).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.