



ENRCHI PROTECTOR - SDS

SAFETY DATA SHEET (according to Commission Regulation (EU) 2020/878)

Enrchi document revision: 10 September 2026

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product name: Enrchi Protector

Relevant identified use: Neutral scale and corrosion inhibitor for closed central-heating circuits.

Supplier: Intazinga B.V. | Enrchi product brand

Address: Princes Beatrixstraat 23, 5061 TM Oisterwijk, The Netherlands

Telephone: +31 6 27849814

E-mail: info@enrchi.com | **Website:** www.enrchi.com

Emergency information: In a medical emergency, contact the relevant national poison information service or emergency medical services. For product information contact Intazinga B.V. using the details above.

2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No. 1272/2008 (CLP): Non-hazardous mixture.

Precautionary statements: P102 Keep out of reach of children. P103 Read label before use.

Contains a reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one [EC 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1).

The mixture does not contain components considered PBT or vPvB at concentrations of 0.1% or more.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: aqueous solution.

CAS / EC No.	Chemical identification	REACH No.	Concentration	CLP classification
102-71-6 / 203-049-8	2,2',2''-nitritotriethanol	01-2119486482-31-XXXX	10-20%	Not classified
10102-40-6 / 600-158-6	Sodium molybdate hydrate	01-2119486973-20-xxxx	<5%	Not classified

4. FIRST AID MEASURES

Inhalation: Exposure is unlikely for the liquid product. Move to fresh air if discomfort occurs.

Skin contact: Remove contaminated clothing. Rinse skin with plenty of water. Seek medical attention if irritation persists.

Eye contact: Rinse cautiously with plenty of water, lifting eyelids. Remove contact lenses if easy to do. Seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth and drink water. Seek medical advice if unwell.

No specific immediate treatment is identified beyond symptomatic care.

5. FIRE-FIGHTING MEASURES

The product is not combustible. Use extinguishing media appropriate for the surrounding fire.

Strong heating or flame may generate carbon oxides and nitrogen oxides (NOx).

Firefighters should use appropriate protective clothing and self-contained breathing apparatus where required. Collect contaminated fire-fighting water separately.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment as described in Section 8.

Prevent uncontrolled release to surface water, groundwater or the environment.

Absorb with inert material and dispose of in accordance with applicable waste regulations. Small spills may be removed with plenty of water.

7. HANDLING AND STORAGE

Avoid contact with skin and eyes and avoid breathing mist or spray. Wash after handling. Do not eat, drink or smoke during use.

Store closed in a cool, well-ventilated place between 0 and 30 °C. No specific incompatible materials are identified.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure reference values in the source safety data: 2,2',2''-nitriilotriethanol: 5 mg/m³; sodium molybdate hydrate: 5 mg/m³.

Hand protection: Rubber, chloroprene rubber or PVC gloves meeting EN 374-1.

Eye/face protection: Safety glasses, goggles or face shield where required.

Skin protection: Normal protective work clothing.

Use in a well-ventilated area. Do not allow product to enter surface or groundwater.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: liquid | Appearance: light yellow to yellow | Odour: mild

pH: 7.8 ± 0.5 | Freezing point: -8 °C | Flammability: not flammable

Relative density: 1.11 ± 0.05 g/cm³ | Solubility: miscible with water in all proportions

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions.

Hazardous reactions are not expected during normal transport or storage.

Avoid high temperatures and flame. No specific incompatible materials are identified.

Strong heating may produce carbon oxides and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

No specific toxicological data are available in the source SDS for sensitisation, irritation or systemic effects.

The mixture is not classified as carcinogenic, mutagenic or toxic to reproduction.

12. ECOLOGICAL INFORMATION

No specific toxicity, persistence/degradability or bioaccumulation data are available in the source SDS.

The product is completely soluble in water. No PBT/vPvB components are identified at ≥0.1%.

13. DISPOSAL CONSIDERATIONS

Dispose of unused product and packaging in accordance with applicable national and local requirements. Avoid unnecessary waste generation.

Source waste code: 16 03 06 - organic wastes other than those mentioned in 16 03 05. Recycle packaging where appropriate.

14. TRANSPORT INFORMATION

Not regulated as dangerous goods under RID/ADR, IMDG or IATA according to the source SDS.

UN number: Not regulated | Proper shipping name: Enrichi Protector | Transport hazard class: - | Packaging group: -

15. REGULATORY INFORMATION

Prepared with reference to REACH Regulation (EC) No. 1907/2006, CLP Regulation (EC) No. 1272/2008 and Commission Regulation (EU) 2020/878.

No chemical safety assessment is reported in the source SDS.

16. OTHER INFORMATION

PBT = Persistent, Bioaccumulative and Toxic. vPvB = very Persistent and very Bioaccumulative.

This Enrchi document is based on the technical and safety information supplied for the formulation. Branding and presentation have been standardized for Enrchi. Safety classifications, composition disclosures, physical properties and handling instructions have not been intentionally weakened or omitted.

Enrchi document revision: 10 September 2026. Technical values trace back to the supplied formulation safety data.