

WOOD HARDENER - TOUPRET

SECTION 1 - IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1-1 Product identifier : **WOOD HARDENER**
1-2 relevant identified uses of the mixture : Hardener timber
1-3 Details of the supplier of the safety data sheet :
Supplier : **TOUPRET SA**
Address : **24 rue du 14 juillet**
91813 Corbeil-Essonnes Cedex (France)
Telephone number : **+ 33 1 69 47 20 20**
Fax : **+ 33 1 60 75 87 11**
Email : fdstoupret@toupret.fr
1-4 Emergency telephone number : **112 ou INRS / ORFILA + 33(0)1 45 42 59 59**

SECTION 2 – HAZARDS IDENTIFICATION *

2-1 Classification of the mixture :
2-1-1 Classification in accordance to regulatory n° 1272/2008 (CLP) : EUH208
2-1-2 Classification in accordance to directive n° 1999 / 45 / CE (DPD) : not classified
2-2 Label elements :
2-2-1 Label elements in accordance to regulatory n° 1272/2008 (CLP) :
EUH208 : Contains 1,2-benzisothiazolin-3-one and reaction mass of : 5-chloro-2-methyl-4-isothiazolin-3-one [EC n° 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC n° 220-239-6] (3 :1). May produce an allergic reaction.
EUH210 : Safety data sheet available on request.
23- Other hazards : The mixture doesn't meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS *

3-2 Mixtures : Aqueous Product made of binders and additives.

substances	concentration	CAS number	Classification (section 16)
reaction mass of : 5-chloro-2-methyl-4-isothiazolin-3-one [EC n° 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC n° 220-239-6] (3 :1)	1,5 - 15 ppm	55965-84-9	Acute Tox.3 H301 H311 H331 – Skin Corr.1B H314 – Skin Sens.1 H317 – Aquatic Acute 1 H400 – Aquatic Chronic1 H410
1,2-benzisothiazolin-3-one	50 – 500 ppm	2634-33-5	Acute Tox.4 H302 – Skin Irrit.2 H315 – Skin Sens.1 H317 – Eye Dam.1 H318 – Aquatic Acute 1 H400
2-methyl-4-isothiazolin-3-one	< 100 ppm	2682-20-4	Acute Tox.3 H301 H311 – Skin Corr.1B H314 – Skin Sens.1 H317 – Eye Dam.1 H318 – STOT SE 3 H335 - Aquatic Acute 1 H400

SECTION 4 - FIRST AID MEASURES

4-1 Description of first aid mesures : No particular measures required.
4-1-1 After inhalation : Not concerned.
4-1-2 After contact with the skin : Remove contaminated clothing. Wash with water in order to eliminate the product.
4-1-3 After contact with the eyes : Rinse immediately and abundantly with water keeping the eyelids opened for at least 10 minutes.
4-1-4 After ingestion : NEVER give anything to someone unconscious. Rinse mouth, drink water and consult a doctor. Do not make throw up.
4-2 Most important symptoms and effects, both acute and delayed :
4-2-1 After inhalation : No data available.
4-2-2 After contact with the skin : No data available
4-2-3 After contact with the eyes : No data available
4-2-4 After ingestion : No data available.
4-3 Indication of any immediate medical attention and special treatment needed : In case of doubt, irritation persists or if symptoms persist seek

medical advice or an ophthalmologist.

SECTION 5 - FIREFIGHTING MEASURES

5-1 Extinguishing media :

- Suitable extinguishing media : water spray, foam, powders, CO₂.
- Unsuitable extinguishing media : direct water jet

5-2 Special hazards arising from the mixture : Do not allow fire-fighting effluent to penetrate into sewers or water courses.

Decomposition products may optionally contain carbon dioxide and carbon monoxide.

5-3 Advice for firefighters :

Appropriate protective equipment may be required.
Cool closed containers exposed to fire with water.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6-1 Personal precautions, protective equipment and emergency procedures :

6-1-1 For non-emergency personnel : Not necessary.

6-1-2 For emergency responders : Not necessary.

6-2 Environmental precautions : No particular measures required. Prevent any penetration into sewers or water courses.

6-3 methods and materials for containment and cleaning up :

6-3-1 Appropriate advice to contain a spill : Not necessary.

6-3-2 Appropriate advice to clean-up a spill : Collect the maximum of the product. Preferably clean using detergent.

6-3-3 Any other information : No datum is available.

6-4 Reference to other sections : For residues disposal, refer to section 13.

SECTION 7 - HANDLING AND STORAGE

General information : No particular measures required.

7-1 Precautions for safe handling :

7-1-1 Recommendations shall be specified to

- allow safe handling : No datum is available.

- prevent fire and explosions : No datum is available.

- Reduce the release to the environment : Prevent any penetration into sewers or water courses.

7-1-2 Advice on general occupational hygiene : Not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing before entering eating areas.

7-2 Conditions for safe storage, including any incompatibilities : No particular measures required.
To maintain the quality and properties of the product, keep : the container firmly closed, protected from frost, at a temperature not exceeding 30 °C.

7-3 Specific end use : No relevant.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8-1 Control parameters :

8-1-1 Occupational exposure limit values : None.

8-2 Exposure controls :

8-2-1 Appropriate engineering controls : No datum is available.

8-2-2 Individual protection measures, such as personal protective equipment :

General hygiene measures : Not eat, drink and smoke in work areas.

Eye / face protection : In case of risk of splashing, wear safety goggles.

Hand protection : protective gloves is recommended.

Skin protection : No necessary.

Respiratory protection : No necessary.

8-2-3 Environmental exposure controls : No datum is available.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9-1 Information on basic physical and chemical properties :

a) Appearance : liquid - white

b) Odour : specific

c) Odour threshold : not determined

d) pH : approximately 9 at 20°C

e) Melting point / freezing point : not determined

f) Initial boiling point and boiling range : not determined

g) Flash point : not determined

h)	Evaporation rate :	not determined
i)	Flammability :	not determined
j)	Upper / lower flammability or explosive limits :	not determined
k)	Vapour pressure :	not determined
l)	Vapour density :	not determined
m)	Relative density :	approximately 1
n)	Solubility :	Dispersible in water (in all proportions)
o)	Partition coefficient : n-octanol/water :	not determined
p)	Auto-ignition temperature :	not determined
q)	Decomposition temperature :	not determined
r)	Viscosity :	not determined
s)	Explosive properties :	not determined
t)	Oxidising properties :	not determined

9-2 Other information :

Quantity of VOC : < 0.5 %

SECTION 10 - STABILITY AND REACTIVITY

10-1 Reactivity :	No reactive.
10-2 Chemical stability :	Stable at ambient temperature and in normal use conditions.
10-3 Possibility of hazardous reactions :	None dangerous reaction in normal conditions of storage.
10-4 Conditions to avoid :	None known.
10-5 Incompatible materials :	None known.
10-6 Hazardous decomposition products :	None dangerous decomposition products in normal conditions of storage.

SECTION 11 - TOXICOLOGICAL INFORMATION

No datum on the preparation itself is available.

11-1 Information on toxicological effects :

11-1-1 Mixture :

a) Acute toxicity :	Based on available data, the classification criteria are not met.
b) Skin corrosion / irritation :	Based on available data, the classification criteria are not met.
c) Serious eye damage / irritation :	Based on available data, the classification criteria are not met.
d) Respiratory or skin sensitisation :	Based on available data, the classification criteria are not met.
e) Germ cell mutagenicity :	Based on available data, the classification criteria are not met.
f) Carcinogenicity :	Based on available data, the classification criteria are not met.
g) Reproductive toxicity :	Based on available data, the classification criteria are not met.
h) STOT-single exposure :	Based on available data, the classification criteria are not met.
i) STOT-repeated exposure :	Based on available data, the classification criteria are not met.
j) Aspiration hazard :	Based on available data, the classification criteria are not met.

11-1-2 Available information regarding substances in the mixture : None

11-1-3 Information on likely routes of exposure :

Exposure of the eyes is the main routes of exposure.

SECTION 12 - ECOLOGICAL INFORMATION

12-1 Toxicity :	No datum on the substance and the mixture are available.
12-2 Persistence and degradability :	No datum on the substance is available.
12-3 Bioaccumulative potential :	No datum on the substance is available.
12-4 Mobility in soil :	No datum on the substance is available.
12-5 Results of PBT and vPvB assessment :	No datum on the substance is available.
12-6 Other adverse effects :	No datum on the substance and the mixture are available.

Do not discharge in sewers or water courses to avoid accumulation.

SECTION 13 - DISPOSAL CONSIDERATIONS

13-1 Waste treatment methods :

Type of waste :	non-hazardous waste.
Waste code :	08-01-99 : waste from coatings not otherwise specified.
Product :	Waste from residues or unused products to the extent possible, recycling is preferable to disposal. Storage in an approved landfill. Respect the local current regulations. Do not discharge the product in sewers or waterways.
Contaminated Packaging :	Respect the local current regulations.

SECTION 14 - TRANSPORT INFORMATION

14-1 UN number :	not applicable
14-2 UN proper shipping name :	not applicable
14-3 Transport hazard class :	not classified
14-4 Packing group :	not classified
14-5 Environmental hazards :	not classified
14-6 Special precautions for user :	transported in a vehicle frost free
14-7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code :	not applicable

SECTION 15 - REGULATORY INFORMATION

15-1 Safety, health and environmental regulations/legislation specific for the mixture :	
- Directive 2004/42/CE :	EU limit value for this product (cat A/g) : 30 g/l (2010)
o	This product contains max. 10 g/l VOC.
- Regulation 861/2010	3209 10 00 : varnishes based on acrylic or vinyl polymers
15-2 Chemical safety assessment :	No affected by registration under REACH.
	No assessment has been carried out for the mixture.

SECTION 16 - OTHER INFORMATION *

Recommended uses (for more details, please refer to the technical data sheet) :

Users' conditions of work not being known to us, the information given in the present safety data sheet is based on our present knowledge and on both national and EC regulations.

This sheet completes the technical instructions for use, but does not replace them. The information it contains is based on our present knowledge relating to the product concerned, on the date indicated and are given in good faith. Moreover, users' attention is drawn to possible risks incurred when a product is used for other purposes than those for which it is designed.

It does not, in any case, exempt the user from knowing and applying all texts governing his activity. It is his responsibility, and his alone, to take all necessary precautions linked to the use he makes of the product.

The information given in the present sheet should be considered to be a description of the safety requirements relating to our products and not as a range of the properties of this.

The user is not in any way dispensed from finding out and implementing all the texts governing its activity. The user will be solely responsible for taking all the necessary precautions associated with the use he makes of the product.

The information given in this leaflet must be considered as a description of the safety requirements relating to our product, and not as a range of the product's properties.

Key literature references :

- Directive 1999/45/CE : according to hazardous materials
- Regulatory 1907/2006/CE : according to REACH
- Regulatory 1272/2008/CE : according to CLP
- Directive 2004/42/CE : according to Volatile Organic Compounds
- Directive 200/532/CE according to classification of waste.
- Regulation 861/2010 : according to customs nomenclature

classifications mentioned at section s 2 & 3 :

Acute Tox.3 H301 H311 H331 : Acute Toxicity – category 3 – Toxic if swallowed – Toxic in contact with skin – Toxic if inhaled

Skin Corr.1B H314 : Skin Corrosion – category 1B – Causes severe skin burns and eye damage.

Skin Sens.1 H317 : Skin Sensitisation – category 1 – May cause an allergic skin reaction.

Aquatic Acute 1 H400 : Acute to the aquatic environment – category 1 – Very toxic to aquatic life.

Aquatic Chronic1 H410 : Chronic to the aquatic environment – category 1 - Very toxic to aquatic life with long lasting effects.

Acute Tox.4 H302 : Acute Toxicity – category 4 – Harmful if swallowed.

Skin Irrit.2 H315 : Skin Irritation – category 2 – Causes skin irritation.

Eye Dam.1 H318 : Serious eye damage – category 1 – Causes serious eye damage.

Acute Tox.3 H301 H311 : Acute Toxicity – category 3 – Toxic if swallowed – Toxic in contact with skin.

STOT SE 3 H335 : Specific target organ toxicity (after single exposure) – category 3 – May cause respiratory irritation.

(*) Alterations with regard to the previous version : in accordance to regulatory 1272 / 2008