

SAFETY DATA SHEET
PRIME WOOD PRESERVER (various colours)

According to Regulation (EU) No 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name PRIME WOOD PRESERVER (various colours)

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

Identified uses Exterior softwoods to be painted above ground level

1.3. Details of the supplier of the safety data sheet

Supplier Hemel Emprenye Sanayi ve Tic.A.Ş.
İ.D.O.S.B. Vakum Cd. No:25 B-1 Özel Parsel
Tuzla/İstanbul
E-mail: hakan.milli@hemel.com.tr
Telefon: 444 98 48
Fax: (0216) 394 83 10

Contact person Hakan Milli - General Manager Asst. (Production)

1.4. Emergency telephone number

Hemel: 444 98 48

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Aquatic Acute 1 - H400; Aquatic Chronic 1 - H410

The Full Text for all Hazard Statements are Displayed in Section 16.

2.2. Label elements

Label in Accordance With (EC) No. 1272/2008



Hazard Statements

H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains Ethylenediamine, 3-iodo-2-propynyl butylcarbamate, Propiconazole (ISO). May produce an allergic reaction.

Precautionary Statements

P102	Keep out of reach of children.
P201	Obtain special instructions before use.
P273	Avoid release to the environment.
P501	Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Name	EC No.	CAS No.	Content	Classification (EC 1272/2008)
Cypermethrin	257-842-9	52315-07-8	1-5 %	Acute Tox. 3 - H301 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Acute 1 - H400(M=1000) Aquatic Chronic 1 - H410(M=1000)
Ethylenediamine	203-468-6	107-15-3	< 1 %	Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Skin Sens. 1 - H317 Acute Tox. 4 - H332 Resp. Sens. 1 - H334
2-(2-butoxyethoxy) ethanol	203-961-6	112-34-5	< 1 %	Eye Irrit. 2 - H319
3-iodo-2-propynyl butylcarbamate	259-627-5	55406-53-6	< 1 %	Acute Tox. 4 - H302 Skin Sens. 1 - H317 Eye Dam. 1 - H318 Acute Tox. 3 - H331 STOT RE 1 - H372 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
Propiconazole (ISO)	262-104-4	60207-90-1	< 1 %	Acute Tox. 4 - H302 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
Tebuconazole (ISO)	403-640-2	107534-96-3	< 1 %	Acute Tox. 4 - H302 Repr. 2 - H361d Aquatic Acute 1 - H400(M=1) Aquatic Chronic 1 - H410(M=10)

The Full Text for all Hazard Statements are Displayed in Section 16.

Composition Comments

- The data shown are in accordance with the latest EC Directives.
- See section 8 for occupational exposure limits.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting and do not give anything by mouth to an unconscious person. Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately.

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

Inhalation : No specific effect is noted.

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Ingestion : Nausea, vomiting.
Skin contact : May cause mild irritation to skin.
Eye contact : May cause mild irritation to eyes.

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

No specific treatment is noted. Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Use foam, karbon dioksit, dry chemicals or water sprey.

5.2. Special hazards arising from the substance or mixture

Danger of fire or explosion

Product is not flammable.

Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

If it can be done without any safety risk, remove containers from the area.

Avoid contaminating sewers and waterways with firefighting water

Remove unprotected people and evacuate the area.

Fire residues and contaminated extinguishing water must be discharged according to regulations.

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes and skin. Be careful around slippery floors and surfaces in case of spillage.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Large spillages: Stop leaking if it can be done without any safety risk.

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

Wash contaminated area with water.

Small spillages: Use necessary protective equipment.

6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow producer's recommendation. Avoid contact with skin and eyes. Observe good chemical hygiene practices. Wash hands and contaminated places before leaving the work area. Do not eat, drink or smoke when using the product.

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7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original package in a dry and cool place. Protect from direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep away from oxidizing agents, heat sources and combustible materials. Keep container upright. Keep only in original container. Keep container tightly closed in a cool, well-ventilated place. Hold the containers upright. Protect containers from damage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	Standard	TWA (8 h)		STEL (15 min)		Notes
2-(2-butoxyethoxy) ethanol	WEL	10 ppm	67,5 mg/m ³	15 ppm	101,2 mg/m ³	--

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust.

Respiratory equipment

If a risk assessment indicates that it is necessary, use an air cleaner or a properly supplied air-supplied breathing apparatus (EN 140) that has been installed in accordance with an approved standard (EN 140).

Hand protection

Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC, when there is a risk of skin contact. The most suitable glove must be chosen in consultation with the glove supplier, who can inform about the breakthrough time of the glove material. Wash with soap and water before removing the gloves (EN374).

Eye protection

Wear dust resistant safety goggles where there is danger of eye contact (EN 166).

Hygiene measures

DO NOT SMOKE IN WORKED PLACES!

Wash hands before each shift and before eating, smoking and before going to the toilet.

Remove all contaminated clothing immediately. In case of contact of the skin, wash immediately with soap and water.

Use a suitable skin cream to prevent the skin from drying out.

Do not eat, drink or smoke during use.

Skin protection

Wear protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Brown and green.
Odour	No data available.
Odour threshold	No data available.

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pH value - dense solution	No data available.
pH value - 1% solution	No data available.
Solubility	No data available.
Initial boiling point and boiling range	No data available.
Melting Point	No data available.
Flash Point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/ Lower explosion limit	No data available.
Auto-Ignition Temperature	No data available.
Vapour pressure	No data available.
Vapour density	No data available.
Relative Density	No data available.
Viscosity	No data available.
Vapour pressure @ 20 ° C	No data available.
Decomposition temperature	No data available.
Partition Coefficient (N-Octanol/Water)	No data available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

None known.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Not expected.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

In case of fire. Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity- product

ATE, oral >2000 mg/kg
ATE, dermal >2000 mg/kg
ATE, inhalation >20 mg/l/ 4 h

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Serious eye damage/irritation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

STOT-single exposure

Based on available data the classification criteria are not met.

STOT-repeated exposure

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Reproductive Toxicity

Based on available data the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

3-iodo-2-propynyl butylcarbamate

Toxicity- fish

LC50, Cyprinodon variegatus, 96 h 0,41 mg/l

Toxicity- Aquatic invertebrates

LC50, Daphnia magna, 48 h 0,645 mg/l

Toxicity- Algae

EC50, algae, 72 h 53 µg/L

Tebuconazole (ISO)

Toxicity- fish

LC50, Leuciscus idus melanotus, 96 h 8,7 mg/l

12.2. Persistence and degradability

Tebuconazole (ISO)

Biodegradation, 28 days: 20%

12.3. Bioaccumulative potential

The product doesn't contain any product with bioaccumulation potential.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

No data available.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Discharge empty packages, waste and waste in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

The authorities will be informed about all major spills.

General

This substance/mixture may be classified as hazardous. However, it may be dispatched as non-hazardous substance in cases when the packaging is under limited / exceptional quantity. Please follow the relevant regulations.

14.1. UN number

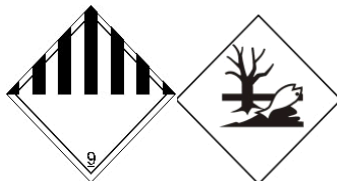
UN No. (ADR/RID/ADN)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082

14.2. UN proper shipping name

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Cypermethrin)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	9
ADR/RID/ADN Class	Class 9: Other Dangerous Substances
ADR Label No.	9
IMDG Class	9
ICAO Class/Division	9
Transport Labels	



14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
Yes.

14.6. Special precautions for user

Limited quantities	5 L
EMS	F-A, S-F
Emergency Action Code	•3Z
ADR Transport Category	3
Hazard No. (ADR)	90
Tunnel Restriction Code	(-)
Excepted quantities	E1

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Highly Flammable Liquid Regulations 1972.

Guidance Notes

Workplace Exposure Limits EH40.

CHIP for everyone HSG (108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. System of specific information relating to Dangerous Preparations. 2001/58/EC.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

*** SVHC substances**

Ethylenediamine (CAS No: 112-34-5)

*** Ek XVII, restricted substance**

2-(2-butoxyethoxy) ethanol (CAS No: 112-34-5)

1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight.
2. Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.
3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows:
'Do not use in paint spraying equipment'."

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement on International Carriage of Dangerous Goods by Road.

ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement on International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Specification for Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

TWA: Time weighted average

STEL: Short Term Exposure Limit

ATE: Estimated value of acute toxicity

EC No: European Community number

CAS: Chemical Theory Service.

LD50: Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).

LC50: Substance concentration causing 50% (half) death in the test animals group.

EC50: Effective Concentration of the substance causing the maximum of 50%.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Permanent, Very Bioaccumulative.

SEA: Classification, labeling, packaging regulation

DNEL: Derivative Inactive Level

PNEC: Estimated Unaffected Concentration

BHOT: Specific Target Organ Toxicity

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Classification justification

Aquatic Acute 1 - H400 : Calculation method
Aquatic Chronic 1 - H410 : Calculation method

Hazard Statements In Full

H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H360FD May damage fertility. May damage the unborn child.
H360D May damage the unborn child.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Revision Comments

This is the first issue.

Information Sources

This SDS is prepared based on the information received from the product owner.
European Chemicals Agency, <http://echa.europa.eu/>

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Issued Note

This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.

Disclaimer

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