

Safety Data Sheet

FLAMETECT C-WD+

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

1.1 Product Identifier

Product Name: FLAMETECT C-WD+
Substance / Mixture: Mixture

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

Identified Uses: Flame retardant

1.3 Details of the supplier of the safety data sheet

Company: Eco-Sol Ltd
Address: Cardiff House, Cardiff Rd, Barry, Vale of Glamorgan CF63 2AW. United Kingdom
Telephone: +44 (0)333 040 8401

E-mail: sales@eco-sol.co.uk

1.4 Emergency telephone number

Emergency Phone: +44 (0) 1495 240819

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Not classified as hazardous.

Classification according to Directive 67/548/EEC [DSD]

Not classified as dangerous.

2.2 Label Elements

This product does not need to be labelled in accordance with EC directives.

2.3 Other Hazards

None.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Component name (CAS)	%	Classification Regulation (EC) No. 1272/2008 [CLP]	Type
Boric Acid * (10043-35-3)	0.25	Repr. 1B, H360FD See section 16 for full text of the H-phrases	[1]

* EUH210 — 'Safety data sheet available on request'

SECTION 4: First Aid Measures

4.1 Description of first aid measures

If inhaled

Move person into fresh air. If not breathing give artificial respiration. If any symptoms persist obtain medical advice.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water or standard eye wash solution as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. If any symptoms persist obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

Treat according to symptoms.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable extinguishing media: water spray, dry powder, foam, or CO₂.
Unsuitable extinguishing media: none.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Wear personal protective clothing as described in Section 8.
Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
- 6.2 Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let the product enter drains. Discharge into the environment must be avoided.
- 6.3 Methods and material for containment and cleaning up**
Keep in suitable, closed containers for disposal.
- 6.4 Reference to other sections**
Information regarding disposal can be found in Section 13.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling**
Do not eat, drink or smoke in work areas. Wash hands after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in sealed containers in a cool, dry, well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- 7.3 Specific end uses**
Flame retardant for timber & timber derivatives.

SECTION 8: Exposure controls / personal protection

- 8.1 Control parameters**
Components with workplace control parameters
No exposure limit value known.
- 8.2 Exposure controls**
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice.
- Personal protective equipment**
- Eye / face protection**
Use safety glasses with side shields (frame goggles) tested and approved under appropriate government standards such as EN 166 (EU) or NIOSH (US).
- Skin protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it.
- Body protection**
Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH (US).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	liquid
Odour:	mild odour
Odour threshold:	no associated risk
pH value:	no associated risk
Melting point / freezing point:	~ 0°C
Initial boiling point and boiling range:	~ 103°C
Flash point:	> 100°C
Evaporation rate:	no associated risk
Flammability (solid, gas):	no associated risk
Upper / lower flammability or exposure limits:	no associated risk
Vapour pressure:	no associated risk
Vapour density:	no associated risk
Relative density:	~ 1.4 g/cm ³ at 20°C
Solubility:	fully soluble in water
Partition coefficient; n-octanol/water:	no associated risk
Auto-ignition temperature:	no associated risk
Decomposition temperature:	no associated risk
Viscosity:	30 – 75 mPas at 20°C
Explosive properties:	no associated risk
Oxidising properties:	no associated risk

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

no associated risk.

10.2 Chemical stability

The product is stable if stored and handled as indicated.

10.3 Possibility of hazardous reactions

no associated risk.

10.4 Conditions to avoid

No decomposition if used according to specifications.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

no associated risk.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicology

no associated risk.

Skin corrosion / irritation

no associated risk.

Serious eye damage / irritation

No data available.

Respiratory or skin sensitisation

no associated risk.

Germ cell mutagenicity

no associated risk.

Carcinogenicity

IARC: no component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no associated risk.

Specific target organ toxicity – single exposure

no associated risk.

Specific target organ toxicity – repeated exposure

no associated risk.

Aspiration hazard

no associated risk

Eye Effect:	may cause eye irritation.
Ingestion:	may be harmful if swallowed.
Inhalation:	may cause respiratory tract irritation.
Skin:	may cause skin irritation.

Other information

No further relevant information.

SECTION 12: Ecological information

12.1 Toxicity

no associated risk.

12.2 Persistence and degradability

no associated risk.

12.3 Bioaccumulative potential

no associated risk.

12.4 Mobility in soil
no associated risk.

12.5 Results of PBT and vPvB assesemnt
no associated risk.

12.6 Other adverse effects
no associated risk.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable product to a licensed disposal company.

Packaging

Uncontaminated packaging can be re-used.

Contaminated packaging that cannot be cleaned should be disposed of in the same manner as the contents.

Other information

Do not let the product enter drains.

SECTION 14: Transport Information

This product is not classified as dangerous goods under transport regulations.

14.1 UN number
ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name
ADR/RID: not dangerous goods
IMDG: not dangerous goods
IATA: not dangerous goods

14.3 Transport hazard class(es)
ADR/RID: - IMDG: - IATA: -

14.4 Packing group
ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards
ADR/RID: no IMDG: no IATA: no

14.6 Special precautions for user
No further relevant information available.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

Boric Acid: Article 59 of (EC) No 1907/2006 – substance on Candidate List of substances for eventual inclusion in Annex XIV.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

SECTION 16: Additional information

The above information is believed to be correct but does not purport to be all inclusive, and shall be used only as a guide. Eco-Sol Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

Full text of classifications [DSD/DPD]:

Revision history:

V1.0	23-04-2014	Update to CLP compliant SDS format.
V1.1	06-06-2022	Boric acid level in Section3 reduced.
V1.2	04-12-2025	SDS reviewed. No changes.