

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
Chemical Name: Not applicable
CAS: Not applicable
EC: Not applicable
EU Index: Not applicable

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
Telephone: 01495240819
E-mail: sales@eco-sol.co.uk

1.4 Emergency telephone number

Emergency Phone: 01495 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 dangerous.

2.2 Label Elements

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

2.3 Other Hazards

None known.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Nitrogen based compound with aqueous polymeric binder.

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. Consult a physician.

In case of skin contact

Wash off immediately with soap and plenty of water. Wash clothing before reuse.

In case of eye contact

Flush eyes thoroughly with plenty of water or standard eye wash solution and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. If victim is conscious and alert, give 2-4 cups of milk or water. Consult a physician.

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: Fire fighting measures

5.1 Extinguishing Media

Suitable extinguishing media: water spray, dry powder, foam, or CO₂.

5.2 Special hazards arising from the substance or mixture

Not data available.

5.3 Advice for fire fighters

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

Further information: This product does not burn or support combustion.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Ensure adequate ventilation. Evacuate personnel to safe areas.

Wear personal protective clothing as described in Section 8.

6.2 Environmental precautions

Do not allow large quantities of product to enter drains or water ways. Washings should be diluted with copious amounts of water before entering drains.

6.3 Methods and material for containment and cleaning up

Collect mechanically. Send for recovery or disposal in suitable containers. Ensure adequate ventilation.

6.4 Reference to other sections

Suitable personal protective clothing is described in Section 8.

Information regarding disposal can be found in Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Keep container tightly sealed. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed containers in a cool, dry, well-ventilated area. Keep away from incompatible substances.

7.3 Specific end uses

Flame retardant.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Occupation exposure limits

No exposure limit value known.

8.2 Exposure controls

Occupational exposure controls

Avoid contact with skin by wearing suitable protective clothing, such as gloves and overalls.

Protective and hygiene measures

When using, do not eat, drink or smoke.

Remove and wash contaminated clothing before re-use.

Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal protective equipment

Eye / face protection

Use face shield and safety glasses tested and approved under appropriate government standards such as EN 166 (EU) or NIOSH (US).

Skin protection

Handle with gloves. Suitable chemical resistant gloves should be used. 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 and clothing exposure.

Respiratory protection

A respiratory protection program that meets OSHA's 29 CFR 1920.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Colourless to light yellow
Odour:	Mild
Odour threshold:	not determined
pH value:	6 - 7
Melting point / freezing point:	~ 0 °C
Initial boiling point and boiling range:	not determined
Flash point:	not determined
Evaporation rate:	not determined
Flammability (solid, gas):	not determined
Upper / lower flammability or exposure limits:	not determined
Vapour pressure:	not determined
Vapour density:	not determined
Relative density:	1.28 g/cm ³
Solubility:	Miscible with water
Partition coefficient; n-octanol/water:	not determined

Auto-ignition temperature:	not determined
Decomposition temperature:	> 230 °C
Viscosity:	60 – 80 cPs
Explosive properties:	not determined
Oxidising properties:	not determined

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

The product is stable if stored and handled as indicated.

10.3 Possibility of hazardous reactions

No specific hazardous reactions known.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents, strong bases, strong reducing agents.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion / irritation

No data available

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

Not listed by ACGIH, IARC, or NTP.

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

No data available

SECTION 12: Ecological information

- 12.1 Toxicity**
No data available
- 12.2 Persistence and degradability**
No data available
- 12.3 Bioaccumulative potential**
No data available.
- 12.4 Mobility in soil**
No data available.
- 12.5 Results of PBT and vPvB assessment**
No data available.
- 12.6 Other adverse effects**
None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product disposal

Remove according to local authority recommendations, e.g. dispose of in a manner consistent with federal, state, and local regulations.

Packaging

Untampered 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 undiluted product enter drains.

SECTION 14: Transport Information

	ADR/RID	IMDG	IATA
14.1 UN number	-	-	-
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental Hazards	-	-	-

- 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**
No data available.
- 15.2 Chemical safety assessment**

Safety data sheet according to Regulation (EC) No. 1907/2006

SDS: SDS0001

Revision Date: 21-04-2021

Version: 1.1

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. ISCA UK Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

Revision history:

V1.0 06-02-2016

V1.1 21-04-2021

Created CLP compliant SDS format

SDS reviewed. No changes.