



Material Safety Data Sheet

Material Safety Data Sheet according to Reg. (EU) No 2015/830

date: 06-02-2018

A1 Retarder

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

1.1. Product identifier: A1 Retarder

1.2. Relevant identified uses of the substance or mixture and uses advised against identified uses: no further relevant information available

1.3. Details of the supplier of the safety data sheet

Supplier: A.C.T.
Nijverheidsweg 15 A
3251 LP Stellendam
The Netherlands
++31-187-663006
info@activecomposite.com

1.4. Emergency telephone number

Emergency telephone: +31 (0)187 663006

Section 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008: The mixture is not classified according to the CLP regulation.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

2.3. Other hazards:

- Results of PBT and vPvB Assesment: Not applicable

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterisation: mixture

This Product is a preparation.

3.2. Mixtures:

This product is a mixture. This product does not contain, in concentrations equal to or greater than those laid down by the Regulation (EC) No. 2015/830, any substances presenting a health or environmental hazard nor any substances for which there are Community workplace exposure limits in place.

Section 4. FIRST AID MEASURES

4.1. description of first aid measures:

Inhalation: Move subject to fresh air. If necessary, provide artificial respiration. Keep patient warm. If symptoms persist, consult a doctor.
Skin Contact: Immediately wash with soap and water and rinse thoroughly.
Eye Contact: Rinse opened eye with plenty of water for several minutes.
Ingestion: Do not induce vomiting, call for medical help immediately.

4.2. Most important symptoms and effects, both acute and delayed: No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed: No further relevant information available.

Section 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media: Water haze, water spray, fire-extinguishing powder, foam.

Unsuitable extinguishing media: no data available.

5.2. Special hazards arising from the substance or mixture: No further relevant information available.

5.3. Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures: Avoid formation of dust.

6.2. Environmental precautions: Keep spills and cleaning runoff out of municipal; sewers and open bodies.

6.3. Methods and materials for containment and cleaning up: Pick up mechanically.

6.4. Reference to other sections:

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal considerations: see section 13.

Section 7. STORAGE AND HANDLING

7.1. Advice on safe handling: Ensure good ventilation/exhaustion at the workplace

Fire and explosion protection: Keep ignition sources away – do not smoke – protect from heat.

7.2. Conditions for safe storage, including any incompatibilities:

Storage stability: No special requirements

Other data: Store in well ventilated area.

7.3. Specific end use(s): see section 1.2

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional informational about design of technical facilities: No further data; see item 7

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information: The Lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment

Eye/face protection: Tightly fitting safety glasses with side-shields

Hand protection: Protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Body protection: Use protective suit

Respiratory protection: Filter P2

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Colour	white
Odour	characteristic
pH	6-7
Melting point/Freezing point range	0 °C water
Boiling point	100 °C water
Flash point	Not applicable
Explosive properties	product does not present an explosion hazard
Solubility in Water	Soluble

9.2. Other information: No further relevant information available

Section 10. STABILITY AND REACTIVITY

10.1. Reactivity: not determined

10.2. Chemical stability:

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions: Reacts with peroxides, oxidising agents and alkali (lyes)

10.4. Conditions to avoid: no data available

10.5. Incompatible materials: No further information available.

10.6. Hazardous decomposition products: No dangerous decomposition products known.

Section 11. TOXICOLOGICAL INFORMATION

Toxicological information on this product only appears in this section when such data is available.

11.1. Information on toxicological effects, acute toxicity: Based on available data, the classification criteria are not met

Acute oral toxicity LD50, Rat, 6730 mg/kg.

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Sensitization Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) Based on available data, the classification criteria are not met.

Germ Cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met

Reproductive toxicity Based on available data, the classification criteria are not met.

Specific Target Organ systemic Toxicity (Single exposure)	Based on available data, the classification criteria are not met.
Specific Target Organ systemic Toxicity (Repeated exposure)	Based on available data, the classification criteria are not met.
Aspiration Hazard	Product test data not available. Refer to component data.

Section 12. EXOLOGICAL INFORMATION

12.1. Toxicity:

Aquatic toxicity No further relevant information available.

12.2. Persistence and degradability: No further relevant information available.
Other information. The product is easily bio degradable.

12.3. Bio accumulative potential: No further relevant information available.

12.4. Mobility in soil: No further relevant information available.

12.5. Results of PBT and vPvB assessment: PBT: Not applicable – **vPvB:** Not applicable.

12.6. Other adverse effects: No further relevant information available.

Section 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recommendation: Must be specially treated adhering to official regulations.

Uncleaned packaging: Disposal must be made according to official regulations.

Section 14. TRANSPORT INFORMATION

Classification for ROAD and Rail transport (ADR/RID):

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not regulated (non-hazardous) for Transport
14.3 Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC code	Not applicable

Classification for AIR transport (IATA/ICAO):

14.1. UN number	Not applicable
14.2. UN proper shipping name	Not regulated (non-hazardous) for Transport
14.3. Transport hazard class(es)	Not applicable
14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	Not applicable

Section 15. REGULATORY INFORMATION

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

Labelling according to Regulation (EC) No 1272/2008 GHS label elements

15.2 Chemical Safety Assessment: A chemical Safety Assessment has not been carried out.

Section 16. OTHER INFORMATION

None

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