
SAFETY DATA SHEET

1 Identification of the substance or preparation and the supplier

Product Name: TANAGARD 3755
Datasheet Number: 3754 1. 1. 0



Corrosive

Intended Use: Waterbased additive for TANALITH E wood preservative solutions.

Name of Supplier: Arch Timber Protection Ltd
Address of Supplier: Wheldon Road,
Castleford,
West Yorkshire,
WF10 2JT
England

Telephone: 01977 714000 (office hours)

Fax: 01977 714001

Responsible Person:

Emergency Telephone: +44 (0)1865 407333 (24 hrs)

2 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
2-octyl-2H-isothiazol-3-one	6.0 %w/w	26530-20-1	247-761-7	R22/23/24 34 43 50/53	T,C,N
5-chloro-2-methyl-4-isothiazolin-3-one/ 2-methyl-4-isothiazolin-3-one (3:1)	3.0 %w/w	55965-84-9		R23/24/25 34 43 50/53	T,C,N

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed

R34: Causes burns

R43: May cause sensitisation by skin contact

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

3 Hazards identification

- Harmful by inhalation, in contact with skin and if swallowed (R20/21/22)
 - Causes burns (R34)
 - May cause sensitisation by skin contact (R43)
-

4 First aid measures

Contact with skin

- Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
 - Seek medical advice if necessary
-

4 First aid measures (....)

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- Obtain immediate medical attention

Ingestion

- Do not induce vomiting
- Give water or milk to drink
- Obtain immediate medical attention

Inhalation

- Remove patient to fresh air
- Keep warm and at rest, in a half upright position. Loosen clothing
- Obtain immediate medical attention

General

- In case of accident or if you feel unwell, seek medical advice immediately (show this safety data sheet or the label where possible).
-

5 Fire-fighting measures

- In case of fire use water spray or fog, dry chemical or carbon dioxide (S43)
 - Do not use water jets
 - Use appropriate containment to avoid environmental contamination (S57)
 - Smoke from fires is toxic. Take precautions to protect personnel from exposure
 - Wear Positive-Pressure Breathing Apparatus
-

6 Accidental release measures

Immediate Actions

- Use appropriate containment to avoid environmental contamination (S57)

Clean Up Actions

- Absorb spillage in earth or sand
- Place in appropriate container
- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal

Special Precautions

- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities
 - Seek expert advice for removal and disposal of all contaminated materials and wastes
-

7 Handling and storage

Handling

- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
 - Avoid contact with skin and eyes (S24/25)
 - This product must only be used with a dosing system that prevents contact with the skin.
-

7 Handling and storage (....)

Storage

- Keep away from food, drink and animal feedingstuffs (S13)
- Store above 5 °C
- Do not store above 25 °C
- If product stored more than 6 months, seek advice from Arch before use.

Specific use(s)

- For use as a solution sterilent only. Refer to instructions from Arch Timber Protection for use.
-

8 Exposure controls and personal protection

Exposure Limits

- OES / LTEL # ppm total isothiazolone 0.1 mg/m³

Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
- Take off immediately all contaminated clothing (S27)
- In case of insufficient ventilation, wear suitable respiratory equipment (S38)

Environmental exposure controls

- Use only in well ventilated areas (S51)
-

9 Physical and chemical properties

- Appearance: pale straw, coloured, Liquid
 - Completely soluble in water
 - Density (water=1) 1.09
-

10 Stability and reactivity

- Reacts with alkalis (strong bases), Reacts with reducing agents, Reacts with oxidizing substances
 - Keep away from frost
 - Do not use empty containers for any other use.
-

11 Toxicological information

Toxicological information

- LD50 (oral, rat) estimated 2000 mg/kg
 - LD50 (skin, rat) estimated >4000 mg/kg
 - Irritation to skin (rabbit) : Corrosive
 - Irritation to eyes (rabbit) : Corrosive
 - May cause sensitisation by skin contact (R43)
-

12 Ecological information

Ecotoxicity

- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)
 - EC50 (Daphnia magna) estimated 5 mg/l (48 hr)
 - LC50 (rainbow trout) estimated 2 mg/l (48 hr)
-

12 Ecological information (....)

Persistence and Biodegradability

- The organic components are biodegraded in activated sludge processing plant.

Bioaccumulation Potential

- Low bioaccumulation potential
-

13 Disposal considerations

Disposal considerations

- Refer to manufacturer/supplier for information on recovery/recycling(S59)
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
 - Disposal should be in accordance with local, state or national legislation
 - Do not use empty containers for any other use.
-

14 Transport information

Proper Shipping Name: 1760 Corrosive liquid N.O.S. (isothiazolone mixture). 8, III ADR

Emergency Action Code

EAC: 2X

UN

UN No.: 1760 Hazard Class: 8

Packing Group: 3

Road/Rail (ADR/RID)

ADR UN No.: 1760 ADR Hazard Class: 8, III

Sea (IMDG)

IMDG UN No.: 1760 IMDG Hazard Class.: 8

IMDG Page No.: IMDG Pack Group.: 3

IMDG EmS: 8-15

15 Regulatory information



Corrosive

Risk Phrases

- Harmful by inhalation, in contact with skin and if swallowed (R20/21/22)
 - Causes burns (R34)
 - May cause sensitisation by skin contact (R43)
-

15 Regulatory information (...)

Safety Phrases

- Avoid contact with skin and eyes (S24/25)
 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
 - Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
 - Take off immediately all contaminated clothing (S27)
 - After contact with skin, wash immediately with plenty of soap and water (S28)
 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
-

16 Other information

It is the duty of every employer to ensure that his employees using this product have received such necessary instructions and guidance as necessary for the safe, efficient and humane use of this product.

No person shall use this product unless he has been adequately trained in the use of this product and is competent for his duties.

Arch Timber Protection offer their clients regular structured training and competency courses. Further information is available from the Advisory Dept, Wheldon Road, Castleford, West Yorkshire. WF10 2JT.
Telephone +44 (0) 1977 714000 Fax +44 (0) 1977 714001

Since the users working conditions are not known by us, the information supplied on this Safety Data Sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this data sheet must be regarded as a description of the safety requirements relating to the product and not a guarantee of its properties.

Arch accepts no responsibility for any loss or damage which arises directly or indirectly from following the above interpretation of legislation or guidance.