

SAFETY DATA SHEET
According to Regulation (EC) No. 453/2010

Date issued: 06 November 2015 Revision: 1

1. Identification of the substance/preparation and of the company/undertaking

1.1. Product Identifiers

Trade name: Wood Preservative
REACH Registration number N/A
CAS number N/A
EC index number N/A
EINECS number N/A

1.2. Product Identifiers

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

-Material for industrial applications
-Industrial and professional use
-Sanitation

1.3. Supplier's details

-Company: Trade Construction Chemicals Ltd.
-Address: 52 Ardmahon Estate, Well Road, Douglas, Cork, Ireland
-Telephone: +353(021)4291214
-Fax: +353(021)4291214
-Contact Email: tradecons@eircom.net

1.4. Emergency telephone number

-Emergency telephone number (outside of office hours): +353(087)9954564

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (2006/121/EC, 1999/45/EC):

Xn Harmful

2.2 Label elements

Hazardous components which must be listed on the label: C8-C18 alkyldimethyl chloride ammonium compound

Labelling (1272/2008/CE):



Symbol:

Signal word: Warning

Causes skin irritation.

Causes serious eye irritation.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of water

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Take off contaminated clothing and wash it before reuse.

3. Composition/information on ingredients

3.1 Type of product: Aqueous Solution

Hazardous components

C8-C18 alkyldimethyl chloride ammonium compound: <5%

CAS-No.: 63449-41-2

4. First-aid measures

4.1 Description of first aid measures

General advice: Remove victims from the danger zone without endangering your own safety. Remove contaminated clothing (including underwear and shoes) immediately.

If inhaled: Bring accident victims out into the fresh air. If patient has difficulty in breathing, administer oxygen, keep the patient calm and warm. Call a physician immediately.

In case of skin contact: After contact with skin, wash immediately with plenty of water. If irritation persists consult a doctor.

In case of eye contact: Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). If irritation persists consult a doctor.

If swallowed: If swallowed, rinse mouth with water (only if the person is conscious). Give 500ml of water to drink. DO NOT induce the patient to vomit, medical advice is required.

4.2 Most important symptoms and effects, both acute and delayed

Notes to physician: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Therapeutic measures: Treat symptomatically.

5. Fire-fighting measures

5.1 Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn. Unsuitable extinguishing media

Unsuitable extinguishing media: none identified.

5.2 Special hazards arising from the substance or mixture:

In the event of fire and/or explosion do not breathe fumes.

5.3 Advice for fire-fighters:

During fire-fighting respirator with independent air-supply and airtight garment is required.

Fight fire in early stages if safe to do so. Containers at risk of fire should be cooled with water and, if possible removed from the danger area. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Put on protective equipment (see Section 8). Ensure adequate ventilation/exhaust extraction. Keep unauthorized persons away.

6.2.1 Environmental precautions: Do not flush into soil, surface water or sanitary sewers system.

6.3 Methods and material for containment and cleaning up:

Take up with absorbent for chemicals or, if necessary with dry sand. Fill into labeled, sealable containers. Also place used cleaning materials into closable receptacles.

6.4 Reference to other sections: For further measures see Sections 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling:

Handle and open container with care. Provide sufficient air exchange and/or exhaust in work rooms. Organize work procedures so that workers are not exposed to the effects of the products. Vent waste air only via suitable separator or scrubbers.

Precautions should generally be taken against electrostatic charges according to the equipment used and the way the product is handled and packaged.

The precautions required in the handling of irritant or corrosive substances must be taken.

Contact with skin and eyes and inhalation of vapors must be avoided under all circumstances.

Careful attention to industrial and personal hygiene is essential.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at the end of work day. Keep working clothes separately. Change contaminated or soaked clothing immediately. If the suit becomes contaminated, first take a shower with the suit on.

Keep away from incompatible products and naked flames/heat.

Do not discharge the waste into drains.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a dry, well-ventilated, bunded area.
 Keep in properly labelled closed containers.
 Keep away from incompatible products and naked flames/heat.

Keep away from: -combustible materials, -(strong) acids, -metals and ammonium salts

7.3 Specific end use(s):

For further information contact the supplier.

8. Exposure Controls/Personal Protection**8.1 Control parameters**

Components with workplace control parameters

Substance	CAS-No.	Basis	Type	Value	Ceiling Limit Value
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None Identified

For technical protective measures to limit exposure see also Section 7 "Handling and storage".

8.2 Exposure controls**Respiratory protection:**

Use Respirator with appropriate filter if vapours or aerosol are released. Recommended filter type: Combination filter B-P2 or B-P3.

Hand protection:

Suitable materials for safety gloves; EN 374:

Butyl rubber IIR:	thickness \geq 0,5mm;	breakthrough time \geq 480min.
Polyvinyl chloride- PVC:	thickness \geq 0,5mm;	breakthrough time \geq 480min.
Polychloroprene- CR:	thickness \geq 0,5mm;	breakthrough time \geq 480min.

Recommendation: contaminated gloves should be disposed of.

Eye protection:

Wear tight fitting eye/face protection.

Skin and body protection:

Impervious protective clothing. On possible contact with the product (sampling, product leakage): full protection or chemical protection clothing. Alkali resistant clothing.

9. Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Appearance:	liquid
Colour:	green
Odour:	mild characteristic
Odour Threshold:	not established
pH (5%):	not established
Melting point/range:	not established
Boiling point/range:	100°C
Flash point:	not applicable
Evaporation rate:	not established
Flammability(solid, gas):	does not ignite
Burning number:	not applicable
Vapour pressure:	not established
Density:	1.00 – 1.10
Surface tension:	not established

Partition coefficient (n-octanol/water):	not established
Autoignition temperature:	not applicable
Ignition temperature:	not applicable
Decomposition temperature:	not established
Explosive properties:	not explosive
Dust explosion class:	not applicable
Oxidising properties:	not established

9.2 Other information

Miscibility with water: miscible

10. Stability and Reactivity

10.1 Reactivity:

Sable when used as directed.

10.2 Stability:

Decomposes on heating.

10.3. Possibility of hazardous reactions

None identified.

10.4 Conditions to avoid: -heating

10.5 Materials to avoid: - Avoid strong acids, solvents and metal halides.

10.6 Hazardous Decomposition Products:

Oxides of carbon and Nitrogen.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity Oral Oral LD₅₀ value for C12-C16 alkylbenzyltrimethylammonium chloride: 795 mg/kg (Rat)

Acute toxicity Dermal Dermal LD₅₀ value for C12-C16 alkylbenzyltrimethylammonium chloride: 400 – 2000 mg/kg (Rabbit)

Acute toxicity Irritation Skin Species: rabbit
Result: Mild irritation

Acute toxicity Irritation Eyes Specie: rabbit
Result: Mild irritation

Sensitisation Species: guinea pig
Result: not sensitizing

12. Ecological information

12.1. Toxicity

Acute toxicity Fish C12-C16 alkylbenzyltrimethylammonium ecotoxicity in water:
LC50: <1 mg/L, 96 hours (Fish)

12.2. Persistence and degradability

Persistence Remarks: no data available

Biodegradability Biodegradable

12.3. Bioaccumulative potential

Bioaccumulation Remarks: Bioaccumulation is not expected.

12.4. Mobility in soil

Mobility Remarks: The product is mobile in water environment.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Remarks: No information available.

12.6. Other adverse effects

Additional ecological information Remarks: All numerical values for ecotoxicity effects are calculated on the pure substances. Do not flush into surface water or sanitary sewer system.

13. Disposal considerations**13.1. Waste treatment methods**

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Contaminated packaging: Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

European Waste Catalogue: Number No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

14. Transport information

14.1. UN number N/A

14.2. UN proper shipping name

ADR: N/A

RID: N/A

IMDG: N/A

14.3. Transport hazard class(es)

ADR-Class:

(Labels; Classification Code; Hazard identification No; Tunnel restriction code)

RID-Class:

(Labels; Classification Code; Hazard identification No)

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

Any existing national regulations on the handling of irritant or corrosive substances must be observed.

National provisions:Relevant Statutory Instruments

- Carriage of Dangerous Goods by Road Regulations 2007, S.I. 288 of 2007
- Carriage of Dangerous Goods by Road (ADR miscellaneous provisions) Regulations 2007, S.I.289 of 2007
- Carriage of Dangerous Goods by Road Act 1998 (Appointment of Competent Authorities) Order 2007, S.I.290 of 2007
- Carriage of Dangerous Goods by Road Act 1998 (Fees) Regulations 2007, S.I. 291 of 2007
- Chemicals Act 2008, No. 13 of 2008
- ADR 2011
- Safety, Health and Welfare at Work (Chemical Agents) Regulation 2001, SI 619 of 2001

16. Other information

Further information

The information contained in this data sheet is copied from the safety data sheet provided by the manufacturer. The information is given in good faith and to the best of our knowledge but no guarantee, implied or otherwise, is made.

Revision History

Changes	Responsible	Date
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