



SAFETY DATA SHEET

TERMISAN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name TERMISAN
Product No. 417

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

Identified uses Disinfectant Solution

1.3. Details of the supplier of the safety data sheet

Supplier IDEAL MANUFACTURING LTD.
ATLAS HOUSE, BURTON ROAD
FINEDON,
WELLINGBOROUGH
NORTHANTS.
NN9 5HX
01933 681616
24hr Emergency number 0870
19067777
01933 681042
hello@idealmanufacturing.com

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Carc. Cat. 3;R40. Xi;R36/38.

2.2. Label elements

Labelling



Harmful

Risk Phrases

R36/38 Irritating to eyes and skin.
R40 Limited evidence of a carcinogenic effect.

Safety Phrases

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37 Wear suitable protective clothing and gloves.

2.3. Other hazards

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ALCOHOL ETHOXYLATE	1-5%
CAS-No.: 68131-39-5	EC No.:
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41.
BENZYL DIMETHYL AMMONIUM CHLORIDE	1-5%
CAS-No.: 68391-01-5	EC No.: 269-919-4
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. C;R34. N;R50.
N,N-DIDECYL-N,N-DIMETHYLAMMONIUMCHLORIDE	1-5%
CAS-No.: 7173-51-5	EC No.: 230-525-2
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R21/22. C;R34. N;R50.
NITRIL O TRIACETIC ACID, TRISODIUM SALT	5-10%
CAS-No.: 5064-31-3	EC No.: 225-768-6
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351	Classification (67/548/EEC) Xn;R22. Carc. Cat. 3;R40. Xi;R36/38.
TETRASODIUM, ETHYLENEDIAMINETETRAACETATE	1-5%
CAS-No.:	EC No.: 200-573-9
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R20/22. Xi;R38,R41.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely to occur, no fumes emitted

Ingestion

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Not expected to be hazardous in use

Inhalation

Unlikely to occur

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause severe irritation to eyes.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

None under normal conditions.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Flush with plenty of water to clean spillage area.

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6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

OES = Occupational Exposure Standard.

TETRASODIUM, ETHYLENEDIAMINETETRAACETATE

DNEL				
Industry	Inhalation.	Long Term	Systemic Effects	2.5 mg/m3
Industry	Dermal	Long Term	Systemic Effects	1.5 mg/m3
Industry	Oral	Long Term	Systemic Effects	25 mg/kg/day
PNEC				
Industry	Freshwater	Long Term	2.2 mg/l	
Industry	Marinewater	Long Term	0.22 mg/l	
Industry	Intermittent release	Long Term	1.2 mg/l	
Industry	STP	Long Term	43 mg/l	
Industry	Soil	Long Term	0.72 mg/l	

8.2. Exposure controls

Protective equipment



Engineering measures

No particular ventilation requirements.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use protective gloves.

Eye protection

Use approved safety goggles or face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Colourless to straw

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Odour Slight odour.
Relative density 1.040 - 1.060 20

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

None Known

10.4. Conditions to avoid

Avoid contact with acids.

10.5. Incompatible materials

Materials To Avoid

Acids, non-oxidising.

10.6. Hazardous decomposition products

No specific hazardous decomposition products noted.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No information available.

Inhalation

May cause irritation to the respiratory system.

Ingestion

May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.

Skin contact

Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

Eye contact

May cause severe irritation to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

No information available

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

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Bioaccumulative potential

Not expected to bioaccumulate

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General Not hazardous for road transport

14.1. UN number

UN No. (ADR/RID/ADN) 0

14.2. UN proper shipping name

14.3. Transport hazard class(es)

ADR/RID/ADN Class Not classified for transportation.

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

Environmental Listing

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC.

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15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

General information

This information is given in good faith and is based upon current available data. The suitability of this product for any particular use is not suggested. The user must determine if the product is correct for any particular application. This document is not a specification. Conforms to 1907/2006/EC

Revision Date 04.01.2014

Revision 08

SDS No. 417

Date 15.01.2014

Risk Phrases In Full

R34 Causes burns.
R20/22 Harmful by inhalation and if swallowed.
R22 Harmful if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

Hazard Statements In Full

H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H351 Suspected of causing cancer.
H400 Very toxic to aquatic life.