



NIELSEN

SAFETY DATA SHEET PREMIUM TFR

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name PREMIUM TFR
Product number PTFR001

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier NIELSEN CHEMICALS
RAWDON ROAD
MOIRA
SWADLINCOTE
DERBYSHIRE
DE12 6DA
TEL: +44 (0) 1283 222277
FAX: +44 (0) 1283 550621
info@nielsenchemicals.com

Manufacturer

1.4. Emergency telephone number

Emergency telephone +44 (0) 777 8505 330

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Eye Dam. 1 - H318

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

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H318 Causes serious eye damage.

Precautionary statements

P280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P501 Dispose of contents/container in accordance with national regulations.

Contains

Tetrasodium ethylenediaminetetraacetate, (C9-11) ALKYL ALCOHOL ETHOXYLATE

Detergent labelling

< 5% EDTA and salts thereof, < 5% non-ionic surfactants, < 5% cationic surfactants, < 5% phosphates

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Tetrasodium ethylenediaminetetraacetate	1-5%
CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-2119486762-27-xxxx	
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302	Xn;R20/22. Xi;R41.
Acute Tox. 4 - H332	
Eye Dam. 1 - H318	
(C9-11) ALKYL ALCOHOL ETHOXYLATE	1-5%
CAS number: 68439-45-2 EC number: —	
Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302	Xn;R22. Xi;R41.
Eye Dam. 1 - H318	

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

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Not relevant. Remove person to fresh air and keep comfortable for breathing.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

Skin contact

Rinse with water. Get medical attention if any discomfort continues.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

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

May cause respiratory system irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

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Eye contact

May cause serious eye damage.

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

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting

No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions

Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store at temperatures between 4°C and 40°C.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

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Tetrasodium ethylenediaminetetraacetate (CAS: 64-02-8)

DNEL Industry - Inhalation; : 2.8 mg/m³
Consumer - Inhalation; : 1.7 mg/m³
Consumer - Oral; : 28.0 mg/kg/day

PNEC - Fresh water; 2.8 mg/l
- Marine water; 0.28 mg/l
- Intermittent release; 1.6 mg/l
- STP; 57 mg/l
- Soil; 0.95 mg/l

tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (CAS: 51981-21-6)

DNEL Workers - Inhalation; Long term systemic effects: 7.3 mg/m³
Workers - Dermal; Long term systemic effects: 15,000 mg/kg/day
General population - Inhalation; Long term systemic effects: 1.8 mg/m³
General population - Dermal; Long term systemic effects: 7,500 mg/kg/day
General population - Oral; Long term systemic effects: 1.5 mg/kg/day

TETRASODIUM 1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONATE (CAS: 3794-83-0)

DNEL Workers - Inhalation; Long term systemic effects: 16.9 mg/m³
Workers - Inhalation; Long term local effects: 10 mg/m³
Workers - Inhalation; Short term systemic effects: 10 mg/m³
Workers - Dermal; Long term systemic effects: 48 mg/kg/day
General population - Inhalation; Long term systemic effects: 4.2 mg/m³
General population - Inhalation; Long term local effects: 10 mg/m³
General population - Inhalation; Short term local effects: 10 mg/m³
General population - Dermal; Long term systemic effects: 24 mg/kg/day
General population - Oral; Long term systemic effects: 2.1 mg/kg/day

PNEC - Fresh water; 0.134 mg/l
- Marine water; 0.014 mg/l
- STP; 580 mg/l
- Sediment (Freshwater); 59 mg/kg
- Sediment (Marinewater); 5.9 mg/kg
- Soil; 41 mg/kg

TETRA POTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)

DNEL Industry - Inhalation; Long term systemic effects: 2.79
Consumer - Inhalation; Long term systemic effects: 0.68 mg/m³

PNEC - Fresh water; 0.05 mg/l
- Marine water; 0.005 mg/l

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

PREMIUM TFR

Appearance

Clear liquid.

Colour

Colourless. to Straw.

Odour

Mild.

pH

pH (concentrated solution): 10

Relative density

1.04 @ 20°C

9.2. Other information

Other information

Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

58,433.96961434

Inhalation

May cause respiratory system irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

May cause serious eye damage.

SECTION 12: Ecological Information

Ecotoxicity

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Not regarded as dangerous for the environment.

12.1. Toxicity

Acute toxicity - fish

Not determined.

12.2. Persistence and degradability

Persistence and degradability

The product is expected to be biodegradable.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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Road transport notes	Not classified.
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14.1. UN number

Not applicable.

14.2. UN proper shipping name

No information required.

14.3. Transport hazard class(es)

Transport labels

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

PREMIUM TFR

Not applicable.

SECTION 15: Regulatory information

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

EU legislation

Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 17/04/2015

Revision 2.0

Supersedes date 15/04/2010

Risk phrases in full

NC Not classified.

R20/22 Harmful by inhalation and if swallowed.

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

Hazard statements in full

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.