

SAFETY DATA SHEET PRESTIGE PREMIUM LAUNDRY DETERGENT

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name Prestige Premium Laundry Detergent

Product number 05145 / 05148

UFI: 42JJ-H0GK-S00Q-P29G

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

Identified uses Detergent. Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier Trust Hygiene Services Ltd

Principle House Leamore Lane Bloxwich Walsall WS2 7PS

Tel: 0370 3500 988 Sales @trusthgyeine.co.uk

1.4. Emergency telephone number

Emergency telephone

Tel: 0370 3500 988 (9am-5pm Monday to Friday)

National emergency telephone

number

NHS Direct 111 (Out of hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H318 Causes serious eye damage.

Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection/ face 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.

PRESTIGE PREMIUM LAUNDRY DETERGENT

Contains Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-

methyl- and sodium hydroxide, Alcohols, C13-15, branched and linear, ethoxylated

Detergent labelling 15 - < 30% phosphates, 5 - < 15% anionic surfactants, < 5% enzymes, < 5% non-ionic surfactants, < 5%

optical brighteners, < 5% perfumes, Contains 1,2-BENZOISOTHIAZOL-3(2H)-ONE

2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

CAS number: — EC number: 932-051-8

Classification

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412

Alcohols, C13-15, branched and linear, ethoxylated

1-3%

5-10%

CAS number: 157627-86-6 EC number: 931-954-4

Classification

Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412

Treated amorphous silica

<1%

<1%

CAS number: 2035064-87-8

Classification

Not Classified

ETHANEDIOL

CAS number: 107-21-1 EC number: 203-473-3

Classification

Acute Tox. 4 - H302 STOT RE 2 - H373

d-LIMONENE 0.0069%

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

a-hexylcinnamaldehyde

CAS number: 101-86-0

EC number: 202-983-3

M factor (Acute) = 1

Classification

Skin Sens. 1B - H317

Aquatic Acute 1 - H400

Aquatic Chronic 2 - H411

 Linalool
 0.0042%

 CAS number: 78-70-6
 EC number: 201-134-4

Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317

 subtilisin
 <1%</td>

 CAS number: 9014-01-1
 EC number: 232-752-2

 M factor (Acute) = 1

Classification
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Resp. Sens. 1 - H334
STOT SE 3 - H335
Aquatic Acute 1 - H400
Aquatic Chronic 2 - H411

Alpha-IsoMethyl Ionone

CAS number: 127-51-5

EC number: 204-846-3

Classification
Aquatic Chronic 2 - H411

Diethyl phthalate

CAS number: 84-66-2

EC number: 201-550-6

Classification

Not Classified

CITRAL

CAS number: 5392-40-5

EC number: 226-394-6

Classification
Skin Irrit. 2 - H315
Skin Sens. 1 - H317

PRESTIGE PREMIUM LAUNDRY DETERGENT

GERANIOL 0.0003%

CAS number: 106-24-1 EC number: 203-377-1

Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

potassium hydroxide <1%

CAS number: 1310-58-3 EC number: 215-181-3

Classification

Met. Corr. 1 - H290 Acute Tox. 4 - H302 Skin Corr. 1A - H314 Eye Dam. 1 - H318

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention if symptoms are severe or persist. Remove affected person from source of

contamination.

Inhalation Unlikely route of exposure as the product does not contain volatile substances. Move affected person to

fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected

person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if

readily available. Get medical attention immediately.

Skin contact Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention

promptly if symptoms occur after washing.

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

medical attention immediately. Continue to rinse.

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of

exposure.

Inhalation Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those

of ingestion may develop.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact May cause skin irritation.

Eye contact Severe irritation, burning and tearing.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water

fog. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

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Hazardous combustion products Does not decompose when used and stored as recommended. Thermal decomposition or combustion

products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during

firefighting

If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and

keeping it out of sewers and watercourses.

Special protective equipment for

firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the

Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable

retaining areas or container with large quantities of water. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national

regulations.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional

information on health hazards. See Section 12 for additional information on ecological hazards. For waste

disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink

and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Avoid contact

with skin and eyes. Keep container tightly sealed when not in use.

Advice on general occupational

hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated

clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep above the chemical's freezing point to avoid rupturing the container. Keep container tightly closed.

Storage class Chemical storage.

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

GLYCERINE VEG

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ mist

Treated amorphous silica

Long-term exposure limit (8-hour TWA): 0.08 mg/m³ respirable dust

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 104 mg/m3(Sk)

subtilisin

Long-term exposure limit (8-hour TWA): WEL 0.00004 mg/m³ Sen

Diethyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³ Short-term exposure limit (15-minute): WEL 10 mg/m³

potassium hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

Sen = Capable of causing occupational asthma.

PENTASODIUM TRIPHOSPHATE (CAS: 7758-29-4)

DNEL Workers - Dermal; Short term systemic effects: 0.375 mg/kg bw/day

Workers - Inhalation; Short term systemic effects: 0.661 mg/m³ Workers - Dermal; Long term systemic effects: 0.375 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 0.661 mg/l

General population - Dermal; Short term systemic effects: 0.375 mg/kg

General population - Inhalation; Short term systemic effects: 0.66 mg/kg bw/day

General population - Oral; Short term systemic effects: 0.75 mg/kg General population - Oral; Long term systemic effects: 0.75 mg/kg bw/day General population - Inhalation; Long term systemic effects: 0.661 mg/m³ General population - Dermal; Long term systemic effects: 0.375 mg/kg bw/day

PNEC - Fresh water; 0.005 mg/l

- marine water; 0.005 mg/l

Intermittent release, Fresh water; 0.05 mg/l
Sediment (Freshwater); 0.19 mg/kg dw

- Soil; 0.14 mg/kg dw

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

DNEL Workers - Dermal; Long term systemic effects: 85 mg/kg bw/day

Workers - Inhalation; Long term systemic effects: 6 mg/m³

Consumer - Dermal; Long term systemic effects: 42.5 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 1.5 mg/m³ Consumer - Oral; Long term systemic effects: 0.425 mg/kg bw/day

PNEC - Fresh water; 0.268 mg/l

- marine water; 0.0268 mg/l - Intermittent release; 0.055 mg/l

- STP; 5.6 mg/l

Sediment (Freshwater); 8.1 mg/kg dwSediment (Marinewater); 8.1 mg/kg dw

- Soil; 35 mg/kg dw

Distyryl Biphenyl Derivative (CAS: 27344-41-8)

DNEL Workers - Dermal; Long term systemic effects: 53 mg/kg

Consumer - Dermal; Long term systemic effects: 19 mg/kg Consumer - Oral; Long term systemic effects: 1.9 mg/kg Workers - Inhalation; Long term systemic effects: 20.5 mg/m³

PNEC Fresh water; 0.0625 mg/l

marine water; 0.00625 mg/l Intermittent release; 0.1028 mg/l

STP; 100 mg/l

Sediment (Freshwater); 198000 mg/kg Sediment (Marinewater); 19800 mg/kg

Soil; 1 mg/kg

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a-hexylcinnamaldehyde (CAS: 101-86-0)

DNEL Workers - Inhalation; Long term systemic effects: 0.078 mg/m³

Workers - Inhalation; Short term local effects: 6.28 mg/m³

Workers - Dermal; Long term systemic effects: 18.2 mg/kg bw/day

Workers - Dermal; Long term local effects: 0.525 mg/cm²

Consumer - Inhalation; Long term systemic effects: 0.019 mg/m³ Consumer - Inhalation; Short term local effects: 4.71 mg/m³

Consumer - Dermal; Long term systemic effects: 9.11 mg/kg bw/day

Consumer - Dermal; Long term local effects: 0.0787 mg/cm²

Consumer - Dermal; Short term local effects: 0.0787 mg/cm²

Consumer - Oral; Long term systemic effects: 0.056 mg/kg bw/day

PNEC Fresh water; 0.00126 mg/l

marine water; 0.000126 mg/l

STP; 10 mg/l

Sediment (Freshwater); 3.2 mg/kg dwt Sediment (Marinewater); 0.064 mg/kg dwt

Soil; 9.51 mg/kg dwt

subtilisin (CAS: 9014-01-1)

DNEL Workers - Inhalation; Long term systemic effects: 0.00006 mg/m³

Workers - Inhalation; Long term local effects: 0.00006 mg/m³ Consumer - Inhalation; Long term systemic effects: 0.000015 mg/m³

Consumer - Oral; Long term systemic effects: 1.8 mg/kg Consumer - Oral; Short term systemic effects: 3.6 mg/kg

PNEC Fresh water; 0.0017 mg/l

marine water; 0.00017 mg/l

STP; 65000 µg/l

Intermittent release; 0.0009 mg/l

Soil; 0.568 mg/kg

Tetrahydro Linalool (CAS: 78-69-3)

DNEL Workers - Inhalation; Long term systemic effects: 2.75 mg/m³

Workers - Dermal; Long term systemic effects: 2.5 mg/kg bw/day

Workers - Dermal; Short term local effects: 2.76 mg/cm² Consumer - Inhalation; Long term systemic effects: 0.68 mg/m³

Consumer - Innalation; Long term systemic effects: 0.08 mg/m²
Consumer - Oral; Long term systemic effects: 0.2 mg/kg bw/day
Consumer - Dermal; Long term systemic effects: 1.25 mg/kg bw/day

Consumer - Dermal; Short term local effects: 2.76 mg/cm²

PNEC Fresh water; 0.0089 mg/l

marine water; 0.00089 mg/l

STP; 450 mg/l

Sediment (Freshwater); 0.0821 mg/kg Sediment (Marinewater); 0.00821 mg/kg

Soil; 0.0112 mg/kg

GERANIOL (CAS: 106-24-1)

DNEL Workers - Inhalation; Long term systemic effects: 161.6 mg/m³

Workers - Dermal; Long term systemic effects: 12.5 mg/kg Consumer - Oral; Long term systemic effects: 13.75 mg/kg Consumer - Inhalation; Long term systemic effects: 47.8 mg/m³

Consumer - Dermal; Long term systemic effects: 7.5 mg/kg

8.2. Exposure controls

PRESTIGE PREMIUM LAUNDRY DETERGENT

Protective equipment





Appropriate engineering controls
Provide adequate ventilation if the airborne contamination exceeds occupational exposure limits

Eye/face protection Safety glasses with side-shields (EN 166).

Hand protection Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent).

Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and

the instructions/specification of the supplier of gloves.

Other skin and body protection Wear suitable protective clothing (EN14605)

Hygiene measures Do not eat, drink or smoke when using this product.

Respiratory protection Respiratory protection must be used if the airborne contamination exceeds the recommended

occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Opaque liquid. Liquid.

Colour White.

Odour Perfume.

pH (diluted solution): 7-8 @ 1 %

Melting point > 10°C

Initial boiling point and range > 100°C @ 760 mm Hg

Relative density 1.18-1.24 @ 20°C

Solubility(ies) Miscible with water.

Viscosity 1750-2200 cP @ 20°C

9.2. Other information

Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The following materials may react with the product: Oxidising agents. Reducing agents.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid contact with: Oxidising agents. Reducing agents.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

PRESTIGE PREMIUM LAUNDRY DETERGENT

Hazardous decomposition

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 18,315.02

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation May cause skin irritation.

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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

IARC carcinogenicity

None of the ingredients are listed or exempt.

Reproductive toxicity

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

Reproductive toxicity -

Based on available data the classification criteria are not met.

development

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information The severity of the symptoms described will vary dependent on the concentration and the length of

exposure.

Inhalation Spray/mists may cause respiratory tract irritation. This is unlikely to occur but symptoms similar to those

of ingestion may develop.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact Irritating to skin.

PRESTIGE PREMIUM LAUNDRY DETERGENT

Eye contact Risk of serious damage to eyes. Symptoms following overexposure may include the following: Redness.

Pain.

Acute and chronic health hazards This product may cause skin and eye irritation. Repeated exposure may cause chronic eye irritation. Mild

dermatitis, allergic skin rash.

Route of exposure Skin and/or eye contact

Ingestion

Toxicological information on ingredients.

PENTASODIUM TRIPHOSPHATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 2,001.0

mg/kg)

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

4,641.0

Species Rabbit
ATE dermal (mg/kg) 4,641.0

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 3,500.0

mg/kg)

Species Rat

ATE oral (mg/kg) 3,500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2,001.0

mg/kg)

Species Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 85 mg/kg, Oral, Rat LOAEL 145 mg/kg, Oral, Rat NOAEL 440 mg/kg, Dermal, Mouse

GLYCERINE VEG

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 12,600.0

mg/kg)

Species Rat

ATE oral (mg/kg) 12,600.0

Alcohols, C13-15, branched and linear, ethoxylated

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

1,150.0

Species Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

2,001.0

Species Rat

ATE dermal (mg/kg) 2,001.0

Carboxymethyl Cellulose

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

Species Rat

ATE oral (mg/kg) 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

2,001.0

2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀

dust/mist mg/l)

Species Rat

ATE inhalation (dusts/mists

mg/l)

Distyryl Biphenyl Derivative

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

2,001.0

5.6

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

2,001.0

Species

Rat

ATE dermal (mg/kg)

2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅o

dust/mist mg/l)

3.9

Species

Rat

2,6-Dimethyl-7-octen-2-ol

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

3,600.0

Species Rat

ATE oral (mg/kg) 3,600.0

Acute toxicity - dermal

Acute toxicity dermal (LD50

mg/kg)

5,001.0

Species Rabbit

Treated amorphous silica

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

5,001.0

Species Rat

4-tertiary-butyl-cyclohexyl-acetate

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

3,370.0

Species Rat

ATE oral (mg/kg) 3,370.0

Acute toxicity - dermal

Acute toxicity dermal (LD50

mg/kg)

5,001.0

Species Rabbit

ATE dermal (mg/kg) 5,001.0

d-LIMONENE

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

4,400.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50

mg/kg)

5,001.0

Species Rabbit

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

a-hexylcinnamaldehyde

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

3.100.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50

mg/kg)

3,001.0

Species Rabbit

ATE dermal (mg/kg) 3,001.0

Linalool

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

2,790.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50

mg/kg)

2,000.0

Species Rabbit

1,2-benzisothiazol-3(2H)-one

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 0.5

Allyl Amyl Glycolate

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

302.0

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

1,105.0

ATE dermal (mg/kg) 1,100.0

subtilisin

Acute toxicity - oral

Acute toxicity oral (LD₅o

1,800.0

mg/kg)

Species Rat

ATE oral (mg/kg) 1,800.0

Tetrahydro Linalool

Acute toxicity - oral

Acute toxicity oral (LD50

5,001.0

mg/kg)

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

5,001.0

Species Rabbit

Reproductive toxicity

Reproductive toxicity - fertility Fertility - NOAEL 887-1024 mg/kg body weight, Oral, Rat - NOAEL 338-361 mg/kg body

weight, Oral, Rat F1 - NOAEL 278-345 mg/kg body weight, Oral, Rat F0

Reproductive toxicity -

development

Maternal toxicity: - NOAEL: 150 mg/kg body weight, Oral, Rabbit Developmental toxicity: -

NOAEL: 500 mg/kg body weight, Oral, Rabbit

Alpha-IsoMethyl Ionone

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50

mg/kg)

5,001.0

Species Rabbit

Reproductive toxicity

Reproductive toxicity - fertility - NOAEL 500 mg/kg body weight, Oral, Rat

Reproductive toxicity -

development

Developmental toxicity: - NOAEL: >30 mg/kg body weight, Oral, Rat Maternal toxicity: -

NOAEL: >30 mg/kg body weight, Oral, Rat

Eucalyptol

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

2,480.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD50

mg/kg)

5,001.0

Species Rabbit

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

3,900.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

5,000.0

Species Rabbit
ATE dermal (mg/kg) 5,000.0

Camphor

Acute toxicity - inhalation

ATE inhalation (dusts/mists

mg/l)

Diethyl phthalate

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

5,592.0

1.5

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

11,182.0

Species

Rabbit

CITRAL

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

6,800.0

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

2,001.0

Rabbit

Species

Dodecanal

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

23,101.0

Species

Rat

ATE oral (mg/kg)

23,101.0

GERANIOL

Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

3,600.0

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)

5,001.0

Species

Rabbit

DAMASCONE (DELTA)

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

1,400.0

Species

Mouse

PRESTIGE PREMIUM LAUNDRY DETERGENT

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅o

mg/kg)
Species

Rabbit

5,001.0

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 30 mg/kg, Oral, Rat

potassium hydroxide

Acute toxicity - oral

ATE oral (mg/kg) 500.0

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous

effects on the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

PENTASODIUM TRIPHOSPHATE

Acute aquatic toxicity

Acute toxicity - fish LC50, : >1850 mg/l,

Acute toxicity - aquatic

invertebrates

EC50, 48 hours: >100 mg/l, Daphnia magna

Chronic aquatic toxicity

Chronic toxicity - fish early life LOEC, 96 hours: 5 mg/l, Fish

stage

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1-10 mg/l, Cyprinus carpio (Common carp)

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: >1-10 mg/l, Daphnia magna

EC10, 72 hours: 1.5 mg/l, Desmodesmus subspicatus

Acute toxicity - microorganisms

EC₅₀, 17 hours: 63 mg/l, PSEUDOMONAS PUTIDA

moroorgamomo

Chronic aquatic toxicity

Observic to vicits - field control

Chronic toxicity - fish early life NOEC, 72 days: >0.1-1 mg/l, Oncorhynchus mykiss (Rainbow trout)

stage

Chronic toxicity - aquatic

invertebrates

EC₂₀, 32 days: 0.27 mg/l, Corbicula

GLYCERINE VEG

PRESTIGE PREMIUM LAUNDRY DETERGENT

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >5000 mg/l, Fish

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: >10000 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅o, 72 hours: >2900 mg/l, Algae

Alcohols, C13-15, branched and linear, ethoxylated

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1-10 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: >1-10 mg/l, Daphnia magna

Acute toxicity -

microorganisms

EC10, : >1000 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: >0.1-1 mg/l, Daphnia magna

Carboxymethyl Cellulose

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >21000 mg/l, Oncorhynchus mykiss (Rainbow trout)

Distyryl Biphenyl Derivative

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >10 - <100 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic

invertebrates

EC₅o, 24 hours: >1000 mg/l, Daphnia magna

Acute toxicity -

microorganisms

EC₅o, 4 hours: >1000 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: >1 mg/l, Daphnia magna

d-LIMONENE

Acute aquatic toxicity

 $LE(C)_{50}$ 0.1 < $L(E)C50 \le 1$

M factor (Acute)

Acute toxicity - fish LC50, 96 hours: 0.7 mg/l, Pimephales promelas (Fat-head Minnow)

LC₅₀, 96 hours: 0.8 mg/l, Fish

Acute toxicity - aquatic EC₅₀, 48 hours: 0.4 mg/l, Daphnia magna invertebrates EC₅₀, 48 hours: 69.6 mg/l, Daphnia

Acute toxicity - aquatic plants NOEC, 96 hours: 4 mg/l,

ErC50, 72 hours: 8 mg/l, Desmodesmus subspicatus NOEC, 72 hours: 2.62 mg/l, Desmodesmus subspicatus

PRESTIGE PREMIUM LAUNDRY DETERGENT

Chronic aquatic toxicity

M factor (Chronic) 1

Chronic toxicity - aquatic

invertebrates

NOEC, 16 days: estimated 0.115 mg/l, Daphnia magna

a-hexylcinnamaldehyde

Acute aquatic toxicity

LE(C)50 $0.1 < L(E)C50 \le 1$

M factor (Acute)

Acute toxicity - fish LC₅₀, 96 hours: 1.7 mg/l, Fish

LC₅₀, 96 hours: 3.1 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 3.86 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 6.87 mg/l, Pseudokirchneriella subcapitata

Cedr-8-enyl Methyl Ketone (Acetyl Cedrene)

Acute aquatic toxicity

 $0.1 < L(E)C50 \le 1$ LE(C)50

M factor (Acute)

Chronic aquatic toxicity

M factor (Chronic) 1

1,2-benzisothiazol-3(2H)-one

Acute aquatic toxicity

LE(C)50 $0.1 < L(E)C50 \le 1$

M factor (Acute)

Acute toxicity - fish LC₅₀, 96 hours: 1.6 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 2.94 mg/l, Daphnia magna

Acute toxicity -EC20, 3 hours: 3.3 mg/l, Activated sludge

microorganisms

Allyl Amyl Glycolate

Acute aquatic toxicity

LE(C)50 $0.1 < L(E)C50 \le 1$

M factor (Acute) 1

subtilisin

Acute aquatic toxicity

LE(C)50 0.1 < L(E)C50 ≤ 1

M factor (Acute)

Acute toxicity - fish LC₅₀, 96 hours: 8.2 mg/l, Oncorhynchus mykiss (Rainbow trout)

PRESTIGE PREMIUM LAUNDRY DETERGENT

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 0.09 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 0.290 mg/l, Pseudokirchneriella subcapitata EC10, 72 hours: 0.041 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

Chronic toxicity - fish early life EC10, 32 days: 0.017 mg/l, Pimephales promelas (Fat-head Minnow)

Chronic toxicity - aquatic

invertebrates

EC10, 21 days: 0.145 mg/l, Daphnia magna

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

Acute aquatic toxicity

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 76 mg/l, Daphnia

Oxacyclohexadecen-2-one

Acute aquatic toxicity

LE(C)50 $0.1 < L(E)C50 \le 1$

M factor (Acute)

Chronic aquatic toxicity

M factor (Chronic)

GERANIOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 14 mg/l, Fish

Acute toxicity - aquatic

invertebrates

EC₅₀, 48 hours: 10.8 mg/l, Daphnia

DAMASCONE (DELTA)

Acute aquatic toxicity

LE(C)50 $0.1 < L(E)C50 \le 1$

M factor (Acute)

Acute toxicity - fish LC₅o, 96 hours: 0.97 mg/l, Oryzias latipes (Red killifish)

ErC50, 72 hours: 4.54 mg/l, Pseudokirchneriella subcapitata Acute toxicity - aquatic plants

NOEC, 72 hours: 0.883 mg/l, Pseudokirchneriella subcapitata

Chronic aquatic toxicity

M factor (Chronic) 1

potassium hydroxide

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 44 (24h) mg/l, Fish

12.2. Persistence and degradability

Persistence and degradability

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

PRESTIGE PREMIUM LAUNDRY DETERGENT

Ecological information on ingredients.

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium

hydroxide

Biodegradation OECD 301A - Degradation >70%: 28 days

Alcohols, C13-15, branched and linear, ethoxylated

Biodegradation OECD 301B - Degradation >60%:

OECD 303A - Degradation >=90%:

Chemical oxygen demand 2430 mg/g

Distyryl Biphenyl Derivative

Chemical oxygen demand 1507 mg/g

4-tertiary-butyl-cyclohexyl-acetate

Persistence and degradability Readily biodegradable.

Biodegradation - Degradation 75%:

ETHANEDIOL

Biodegradation OECD 301A - Degradation 90-100%:

d-LIMONENE

Persistence and degradability Not readily biodegradable

a-hexylcinnamaldehyde

Persistence and degradability Readily biodegradable.

Biodegradation - 97%: 28 days

1,2-benzisothiazol-3(2H)-one

Biodegradation OECD 302B, STP - 90%:

subtilisin

Persistence and degradability Readily biodegradable.

Tetrahydro Linalool

Persistence and degradability Readily biodegradable.

Biodegradation OECD 301F - Degradation 60%: 28 days

Alpha-IsoMethyl Ionone

Biodegradation - Degradation 42.51%: 28 days

GERANIOL

Persistence and degradability Readily biodegradable.

Biodegradation - 82%: 28 days

12.3. Bioaccumulative potential

PRESTIGE PREMIUM LAUNDRY DETERGENT

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

ETHANEDIOL

Partition coefficient log Kow: -1.36

d-LIMONENE

Partition coefficient log Kow: 2.78-5.03

a-hexylcinnamaldehyde

Partition coefficient log Pow: 5.3

1,2-benzisothiazol-3(2H)-one

Bioaccumulative potential BCF: 6.95, Fish

Partition coefficient log Kow: 0.7

subtilisin

Bioaccumulative potential The product is not bioaccumulating.

Tetrahydro Linalool

Bioaccumulative potential BCF: 99.87,

Partition coefficient log Pow: 3.3

 $\hbox{2,4-Dimethylcyclohex-3-ene-1-carbaldehyde}$

Partition coefficient log Pow: 2.34

GERANIOL

Partition coefficient log Pow: 2.6

DAMASCONE (DELTA)

Partition coefficient log Pow: 4.2

12.4. Mobility in soil

Mobility Soluble in water.

Ecological information on ingredients.

subtilisin

Mobility Not applicable.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

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

assessment

Ecological information on ingredients.

subtilisin

PRESTIGE PREMIUM LAUNDRY DETERGENT

Results of PBT and vPvB

This substance is not classified as PBT or vPvB according to current UK criteria.

assessment

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

subtilisin

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of in accordance with Local Authority regulations as special waste according to The Control of

Special Waste Regulations 1996.

EURAL Code

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA,

ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

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 MARPOL and the IBC Code

Transport in bulk according to

Annex II of MARPOL 73/78 and

the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

Drug Precursors Regulation

(273/2004)

Danish product registration

number

Danish national regulations

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

in the safety data sheet

None of the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland

Waterways.

05/12/2023

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC50: Lethal Concentration to 50 % of a test population.

LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC50: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

Revision comments Revision is due to change of UFI number Revision is due to general MSDS review

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Revision date

Revision

Supersedes date 06/07/2021 SDS number 7206/11074

Hazard statements in full H226 Flammable liquid and vapour.

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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.