

SECTION 1: Identification of the substance/mixture and company**1.1. Product Identifier**

Product code: DS150

Name: Neutrasan

UFI 8JT4-1021-E001-DECW

1.2. Product Uses

A concentrated neutral detergent for manual and ultrasonic cleaning of dental instruments and sensitive materials.

1.3. SupplierDentisan
Bateman Street
Derby

DE23 8JL

Phone: 01332 268526

Web: www.dentisan.co.uk

Fax: 01332 295941

Email: info@dentisan.co.uk**1.4. Emergency telephone number**

Emergency Telephone Number: 01332 292402

SECTION 2: Hazards identification (Undiluted product)**2.1. Classification of the mixture****According to 1272/2008**

Health Hazards: Eye Dam. 1, Skin Irrit. 2

Physical Hazards: Not Classified

Environmental Hazards: Not Classified

2.2. Label elements

Danger

According to 1272/2008

H318 Causes serious eye damage

H315 Causes skin irritation

EUH208 Contains 5-chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one. May produce an allergic reaction

P264 Wash hands thoroughly after handling.

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

P302 + P352 IF ON SKIN: Wash with plenty of water.

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

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/ information on ingredients

Material	CAS number	Level	EC No (where available)	EU REACH reg. no. (where available)	Hazards (see section 16)	
Anionic surfactant	68891-38-3	10-15%	500-235-8	01-2119488639-16	Eye Dam. 1, Skin Irrit. 2	H315 H318
Nonionic surfactant	68131-39-5	1-5%			Acute Tox. 4, Eye Dam. 1	H302 H318

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance immediately.

Skin contact: Remove contaminated clothing, wash skin with water and seek medical attention if irritation persists.

Inhalation: In case of overexposure, remove to fresh air, keep warm and at rest, seek medical assistance immediately.

Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

First aider PPE: As required to prevent contact. See section 8.2.

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

Eye hazard: Will cause irritation.

Skin hazard: Will cause severe irritation and damage.

Respiratory hazard: Not a hazard in normal use.

Other hazards:

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

No special treatment or attention required additional to section 4.2.

SECTION 5: Fire fighting measures

Flammability hazard: Not combustible.

5.1. Extinguishing media

No special requirements. As appropriate for the fire.

5.2. Special hazards arising from the mixture

No specific hazards arising from the mixture.

5.3. Advice for firefighters

No special measures arising from the mixture.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8

Spillage may make floors slippery. Keep the area clear. Observe regulations.

6.2. Environmental precautions

Prevent spills from entering water courses.

6.3. Methods and material for containment and cleaning up

Small quantities, flush to foul sewer with a large quantity of water.

Large quantities, contain and absorb or pump into suitable containers for disposal.

6.4. Reference to other sections

Observe the advice given in sections 8 and 13

Shelf life: 24 months in original sealed containers.

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

7.3. Product Uses

To operate the dosing bottle; remove the cap from the measuring chamber, squeeze the bottle gently until the required volume is dispensed into the chamber. Carefully pour the dispensed product into the correct volume of water for the cleaning application.

8.1. Control parameters

None set in UK EH40

8.2. Exposure controls

Eye protection: Wear eye protection appropriate to the process according to BS EN 166.

Hand protection: Wear pvc or latex gloves. Exact choice of glove depends on specific risk assessments.

Body protection: As necessary to prevent contact.

Respiratory protection: Avoid breathing spray mist, wear a protective mask to EN149 if necessary.

Other protection:

Personal protective equipment:



Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Environmental protection: Prevent mixture from entering water courses.

9.1. Information on basic physical and chemical properties

Physical State: Liquid

Colour: Colourless

Odour: Mild, characteristic.

pH (typical): 7.5 1% in water (typical).

Initial boiling point: 100°C.

Auto-ignition temp: None.

Vapour pressure: 17.5mm Hg at 20°C.

Explosive properties: None.

Lower upper explosion limits: N/a

Oxidising properties: None.

Solubility: Miscible with water.

Relative density at 20° C (typical): 1.020

Relative vapour density: No data

9.2. Other information

Melting point/ freezing point: N/a

Flammability N/a

Flash point: None.

Viscosity: Flowable liquid.

SECTION 10: Stability and reactivity

- 10.1. Reactivity** Incompatible with strong oxidising agents and acids.
- 10.2. Chemical stability** Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions** No hazardous reactions are expected to occur.
- 10.4. Conditions to avoid** Extremes of temperature.
- 10.5. Incompatible materials** Incompatible with strong oxidising agents and acids.
- 10.6. Hazardous decomposition products** None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute toxicity: Contains an ingredient classified as Acute Tox. Section 3. Mixture is not classified as Acute Tox.
- Skin corrosion/ irritation: Mixture is classified as Skin Irrit. 1. See section 2.
- Serious eye damage/ irritation: Mixture is classified as Eye Dam. 1. See section 2.
- Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
- Germ cell mutagenicity: Does not contain any ingredients classified as mutagenic.
- Carcinogenicity: Does not contain any ingredients classified as carcinogenic.
- Reproductive toxicity: Does not contain any ingredients classified as toxic for reproduction.
- STOT single exposure: Does not contain any ingredients classified as STOT SE.
- STOT repeated exposure: Does not contain any ingredients classified as STOT RE.
- Aspiration toxicity: Does not contain any ingredients classified as Asp Tox.

Routes of exposure/ symptoms

- Eye contact: Will cause severe irritation and damage.
- Skin contact: Will cause irritation.
- Inhalation: Not a hazard in normal use.
- Ingestion: Moderate toxicity, will cause irritation to gastro-intestinal tract.

- 11.2. Information on other hazards** No data.

SECTION 12: Ecological information

- 12.1. Toxicity** Water based product. All organic ingredients are biodegradable when well diluted.
- 12.2. Persistence and degradability** All organic ingredients are biodegradable when well diluted. Surfactants used comply with biodegradation criteria, see section 15.1.
- 12.3. Bioaccumulative potential** Not expected to bioaccumulate
- 12.4. Mobility in soil** This product has high water solubility
- 12.5. Results of PBT and vPvB assessment** Contains no ingredients classified as PBT or vPvB.
- 12.6. Endocrine disrupting properties** No known endocrine disrupting properties.
- 12.7. Other adverse effects** No other adverse effects are anticipated.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Process effluent can normally be discharged to foul sewer (subject to consent limits).
- Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.
- Large quantities, dispose via a licensed chemical waste contractor.

SECTION 14: Transport information

- 14.1. UN number** Not classified
- 14.2. UN proper shipping name** N/a ()
- 14.3. Transport hazard class(es)** N/a **14.4. Packing group** Na
- 14.5. Environmental hazards** Not classified as environmentally hazardous for transport
- 14.6. Special precautions for user** No specific precautions.
- 14.7. Maritime transport in bulk according to IMO instruments** Not available for bulk transport.

SECTION 15: Regulatory information

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

Contents according to (EC) regulation No.648/2004 on detergents:

Anionic surfactants 15-30%
Nonionic surfactants <5%

Preservative

The surfactant(s) contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them at their direct request.

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements relating to ingredients (see section 3)

H318 Causes serious eye damage

H315 Causes skin irritation

H302 Harmful if swallowed

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This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

