



SAFETY DATA SHEET

Janitol Original

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name Janitol Original

Recommended use of the chemical and restrictions on use

Application Detergent.

Details of the supplier of the safety data sheet

CATERCLEAN SUPPLIES

Supplier BRICKFIELD HOUSE, SWANSEA,
SOUTH WALES,
SA1 6RZ,
UNITED KINGDOM

Tel: 01792 582 000
Email: info@clean-source.co.uk

Emergency tel: NHS 111 NHS Direct Wales 08454647

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Not Classified

Label elements

Pictogram



Signal word Danger

Hazard statements H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements 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.
P313 Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local regulations.

Contains BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS,
ISOTRIDECANOL, ETHOXYLATED 6.5 MOL EO

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3. Composition/information on ingredients

Substances

Mixtures

TETRAPOTASSIUM PYROPHOSPHATE CAS number: 7320-34-5	5-10%
Classification Eye Irrit. 2A - H319	
BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS CAS number: 68411-30-3	1-5%
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
ISOTRIDECANOL, ETHOXYLATED 6.5 MOL EO CAS number: 69011-36-5	1-5%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
ARYL ETHER PHOSPHATE ESTER, POTASSIUM SALT CAS number: 72283-31-9	1-5%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	

The Full Text for all Hazard Statements are Displayed in Section 16.

4. First-aid measures

Description of first aid measures

Inhalation	Not relevant. Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Not applicable.
Eye contact	Remove any contact lenses and open eyelids wide apart. Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.

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Eye contact Irritation of eyes and mucous membranes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Hazardous combustion products No known hazardous decomposition products.

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used.

Methods and material for containment and cleaning up

Methods for cleaning up Flush away spillage with plenty of water. Avoid contamination of ponds or watercourses with washing down water. Absorb spillage with non-combustible, absorbent material. Do not discharge into drains or watercourses or onto the ground.

Reference to other sections For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 40°F and 85°F.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

TETRAPOTASSIUM PYROPHOSPHATE (CAS: 7320-34-5)

DNEL Professional - Inhalation; Long term systemic effects: 44.08 mg/m³ Consumer - Inhalation; Long term systemic effects: 10.87 mg/m³

PNEC - Marine water; 0.005 mg/l - Fresh water; 0.5 mg/l - STP; 50 mg/l - Fresh water; 0.05 mg/l

BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS (CAS: 68411-30-3)

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DNEL	Workers - Inhalation; Long term systemic effects: 12 mg/m ³ Workers - Inhalation; Long term local effects: 12 mg/m ³ Workers - Dermal; Long term systemic effects: 170 mg/kg/day General population - Inhalation; Long term systemic effects: 3 mg/m ³ General population - Inhalation; Long term local effects: 3 mg/m ³ General population - Oral; Long term systemic effects: 0.85 mg/kg/day
PNEC	- Fresh water; 0.268 mg/l - Marine water; 0.0268 mg/l - Intermittent release; 0.0167 mg/l - STP; 3.43 mg/l - Sediment (Freshwater); 8.1 mg/kg - Marine water; 8.1 mg/kg - Soil; 35 mg/kg

ISOTRIDECANOL, ETHOXYLATED 6.5 MOL EO (CAS: 69011-36-5)

DNEL	Workers - Inhalation; Long term systemic effects: 294 mg/m ³ Workers - Dermal; Long term systemic effects: 2080 mg/kg General population - Inhalation; Long term systemic effects: 87 mg/m ³ General population - Dermal; Long term systemic effects: 1250 mg/kg/day General population - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	- Fresh water; 0.074 mg/l - Marine water; 0.0074 mg/l - Intermittent release; 0.015 mg/l - STP; 1.4 mg/l - Sediment (Freshwater); 0.604 mg/kg - Sediment (Marinewater); 0.0604 mg/kg - Soil; 0.1 mg/kg

Exposure controls

Protective equipment



Appropriate engineering controls	Not relevant.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
Hand protection	The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
Hygiene measures	Wash hands after contact.
Respiratory protection	Not relevant.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Yellow.
Odor	Characteristic.
Odor threshold	Not determined. Not determined.
pH	pH (concentrated solution): 10-10.5
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not determined.

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Evaporation rate	Not determined.
Upper/lower flammability or explosive limits	Scientifically unjustified. : : Scientifically unjustified.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.06-1.1 @ 25°C
Solubility(ies)	Soluble in water.
Auto-ignition temperature	Scientifically unjustified.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Scientifically unjustified.
Oxidising properties	Does not meet the criteria for classification as oxidizing.
Other information	No information required.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Not known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 34,181.54196734

Acute toxicity - dermal

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

Skin corrosion/irritation

Animal data Moderately irritating.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Skin sensitization

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

Germ cell mutagenicity

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Genotoxicity - in vivo	Does not contain any substances known to be mutagenic.
<u>Carcinogenicity</u>	
Carcinogenicity	Does not contain any substances known to be carcinogenic.
<u>Reproductive toxicity</u>	
Reproductive toxicity - development	Does not contain any substances known to be toxic to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	No information available.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	No information available.
<u>Aspiration hazard</u>	
Aspiration hazard	Based on available data the classification criteria are not met.
<u>Inhalation</u>	
Inhalation	No specific health hazards known.
<u>Ingestion</u>	
Ingestion	May cause discomfort if swallowed.
<u>Skin Contact</u>	
Skin Contact	Skin irritation should not occur when used as recommended.
<u>Eye contact</u>	
Eye contact	Irritating to eyes.

12. Ecological Information

Ecotoxicity	Not regarded as dangerous for the environment.
<u>Persistence and degradability</u>	
Persistence and degradability	The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as 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, or at the request of a detergent manufacturer.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	No data available on bioaccumulation.
<u>Mobility in soil</u>	
Mobility	The product is soluble in water.
<u>Results of PBT and vPvB assessment</u>	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
<u>Other adverse effects</u>	
Other adverse effects	None known.

13. Disposal considerations

Waste treatment methods

General information	When handling waste, the safety precautions applying to handling of the product should be considered.
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Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. No specific disposal method required. Reuse or recycle products wherever possible.

14. Transport information

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

UN Number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

Not applicable.

Packing group

Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

16. Other information

Key literature references and sources for data Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet.

Revision comments SDS amended in line with REGULATION (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as amended)

Revision date 4/26/2016

Revision 2

Supersedes date 5/13/2015

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Hazard statements in full

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

**Notes For Risk Phrases And
Hazard Statements In Full**

The full text for Risk Phrases and Hazard Statements in section 16 relates to the reference numbers in sections 2 and 3 and not necessarily the finished product classification.

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.