

SAFETY DATA SHEET
Janitol Original

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

Product name Janitol Original
Product number JAN60O, JAN76V, JAN84U

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

Identified uses Detergent.

1.3. Details of the supplier of the safety data sheet

Supplier SC Johnson Professional Ltd
Denby Hall Way
Denby
Derbyshire
DE5 8JZ
+44 (0) 1773 855100
info.prouk@scj.com

1.4. Emergency telephone number

Emergency telephone National Poisons Information Service (UK) 0344 8920111 (Health Professionals only)
National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

Physical hazards Not Classified
Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards Not Classified

2.2. Label elements**Hazard pictograms**

Signal word Danger
Hazard statements H315 Causes skin irritation.
H318 Causes serious eye damage.

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| | |
|---|---|
| Precautionary statements | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P313 Get medical advice/ attention.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with local regulations.</p> |
| Contains | BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS, ISOTRIDEKANOL, ETHOXYLATED 6.5 MOL EO |
| Detergent labelling | 5 - < 15% phosphates, < 5% anionic surfactants, < 5% non-ionic surfactants |
| Supplementary precautionary statements | <p>P264 Wash hands thoroughly after handling.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> |

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

| | |
|--|--------------|
| TETRAPOTASSIUM PYROPHOSPHATE CAS number: 7320-34-5 EC number: 230-785-7 REACH registration number: 01-2119489369-18-xxxx | 1-10% |
| Classification Eye Irrit. 2 - H319 | |
| BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS CAS number: 68411-30-3 EC number: 270-115-0 REACH registration number: 01-2119489428-22-XXXX | 1-10% |
| Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 | |
| ISOTRIDEKANOL, ETHOXYLATED 6.5 MOL EO CAS number: 69011-36-5 EC number: 931-138-8 REACH registration number: 01-2119976362-32-XXXX | 1-10% |
| Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 | |

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| | |
|---|--------------|
| ARYL ETHER PHOSPHATE ESTER, POTASSIUM SALT | 1-10% |
| CAS number: 72283-31-9 | |
| Classification | |
| Skin Irrit. 2 - H315 | |
| Eye Irrit. 2 - H319 | |

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

SECTION 4: First aid measures

4.1. 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 | Wash skin thoroughly with soap and water or use an approved skin cleanser. |
| 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. |

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

| | |
|---------------------|--|
| Inhalation | No specific symptoms known. |
| Ingestion | No specific symptoms known. |
| Skin contact | This product is moderately irritating. |
| Eye contact | Irritation of eyes and mucous membranes. |

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

| | |
|-----------------------------|------------------------------|
| Notes for the doctor | No specific recommendations. |
|-----------------------------|------------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|--|
| Hazardous combustion products | No known hazardous decomposition products. |
|--------------------------------------|--|

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

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

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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.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in closed original container at temperatures between 0°C and 30°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

Ingredient comments None.

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
- Fresh water; 0.05 mg/l
- STP; 50 mg/l

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

DNEL Workers - Inhalation; Long term systemic effects: 12 mg/m³
Workers - Inhalation; Long term local effects: 12 mg/m³
Workers - Dermal; Long term systemic effects: 170 mg/kg/day
General population - Inhalation; Long term systemic effects: 3 mg/m³
General population - Inhalation; Long term local effects: 3 mg/m³
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)

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| | |
|-------------|--|
| 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 |

8.2. 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. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 8 hours.

Hygiene measures

Wash hands after contact.

Respiratory protection

Not relevant.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------------------|
| Appearance | Liquid |
| Colour | Yellow. |
| Odour | Characteristic. |
| Odour threshold | Not determined. |
| pH | pH (concentrated solution): 10-10.5 |
| Melting point | Not determined. |
| Initial boiling point and range | Not determined. |
| Flash point | Not determined. |
| Evaporation rate | Not determined. |
| Upper/lower flammability or explosive limits | Scientifically unjustified. |
| Vapour pressure | Not determined. |
| Vapour density | Not determined. |

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| | |
|----------------------------------|---|
| Relative density | 1.06-1.1 @ 25°C |
| Solubility(ies) | Soluble in water. |
| Partition coefficient | Not determined. |
| 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 oxidising. |

9.2. Other information

| | |
|--------------------------|--------------------------|
| Other information | No information required. |
|--------------------------|--------------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|-------------------|---|
| Reactivity | There are no known reactivity hazards associated with this product. |
|-------------------|---|

10.2. Chemical stability

10.3. Possibility of hazardous reactions

| | |
|---|------------|
| Possibility of hazardous reactions | Not known. |
|---|------------|

10.4. Conditions to avoid

| | |
|----------------------------|---|
| 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

| | |
|---|--|
| Hazardous decomposition products | No known hazardous decomposition products. |
|---|--|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

| | |
|-------------------------|-----------|
| ATE oral (mg/kg) | 34,181.54 |
|-------------------------|-----------|

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 | Irritating to skin. |
|----------------------------------|---------------------|

Serious eye damage/irritation

| | |
|--------------------------------------|----------------------------|
| Serious eye damage/irritation | Causes serious eye damage. |
|--------------------------------------|----------------------------|

Respiratory sensitisation

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| | |
|--|--|
| Respiratory sensitisation | Based on available data the classification criteria are not met. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Based on available data the classification criteria are not met. |
| <u>Germ cell mutagenicity</u> | |
| 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 | May cause serious eye damage. |

Toxicological information on ingredients.

TETRAPOTASSIUM PYROPHOSPHATE

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 2.0 mg/kg)

Species Rabbit

Skin corrosion/irritation

Animal data Primary dermal irritation index: 0

Skin sensitisation

Skin sensitisation - Mouse: Not sensitising.

BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS

Acute toxicity - oral

Acute toxicity oral (LD₅₀ 1,080.0 mg/kg)

Species Rat

ATE oral (mg/kg) 1,080.0

Acute toxicity - dermal

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| | |
|--|--|
| Notes (dermal LD₅₀) | LD50 >2000 mg/Kg bw RAT |
| <u>Acute toxicity - inhalation</u> | |
| Notes (inhalation LC₅₀) | Endpoint waived according to REACH Annex VII, IX or XI. |
| <u>Skin corrosion/irritation</u> | |
| Animal data | Dose: 2.17, 72 hours, Rabbit |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | H318 REACH dossier information. |
| <u>Skin sensitisation</u> | |
| Skin sensitisation | Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Gene mutation: Negative. |
| Genotoxicity - in vivo | Chromosome aberration: Negative. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | Endpoint waived according to REACH Annex VII, IX or XI. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | - NOAEL 350 mg/kg/day, Oral, Rat F2a |
| Reproductive toxicity - development | Maternal toxicity:, Teratogenicity: - NOAEL: 300 mg/kg, Oral, |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | Based on available data the classification criteria are not met. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | Conclusive data but not sufficient for classification. |

ISOTRIDECANOL, ETHOXYLATED 6.5 MOL EO

| | |
|--|----------------------|
| <u>Acute toxicity - oral</u> | |
| Notes (oral LD₅₀) | LD50 >2000 mg/Kg Rat |
| <u>Acute toxicity - dermal</u> | |
| Acute toxicity dermal (LD₅₀ mg/kg) | 2,000.0 |
| Species | Rat |

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity The product is not expected to be hazardous to the environment.

Ecological information on ingredients.

TETRAPOTASSIUM PYROPHOSPHATE

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Acute aquatic toxicity

| | |
|---|--|
| Acute toxicity - fish | LC ₅₀ , 96 hours: >100 mg/l, Fish |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: 100 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | IC ₅₀ , 72 hours: 100 mg/l, |

BENZENE SULPHONIC ACID , C10-13-ALKYL DERIVS., SODIUM SALTS

Acute aquatic toxicity

| | |
|--|---|
| Acute toxicity - fish | LC ₅₀ , 96 hour: 1.67 mg/l, Lepomis macrochirus (Bluegill) |
| Acute toxicity - aquatic invertebrates | LC ₅₀ , 192 hour: 0.96 mg/l, Hyalella azteca |
| Acute toxicity - aquatic plants | NOEC, 72 hour: 2.4 mg/l, Scenedesmus subspicatus |
| Acute toxicity - microorganisms | Scientifically unjustified. |
| Acute toxicity - terrestrial | LC ₅₀ , 14 day: >1000 mg/kg, Eisenia Fetida (Earthworm) |
| Chronic aquatic toxicity | |
| Chronic toxicity - fish early life stage | NOEC, 90 day: 0.25 mg/l, Tilapia mossambica |
| Short term toxicity - embryo and sac fry stages | NOEC, 72 days: 0.23 mg/l, Oncorhynchus mykiss (Rainbow trout) |
| Chronic toxicity - aquatic invertebrates | LC ₅₀ , 21 day: 1.18 mg/l, Daphnia magna |
| Toxicity to soil | Scientifically unjustified. |
| Toxicity to terrestrial plants | EC10 B.Rapa 86mg/Kg A.Sativa 80mg/Kg S.alba 200 mg/Kg |

ISOTRIDECANOL, ETHOXYLATED 6.5 MOL EO

Acute aquatic toxicity

| | |
|---|--|
| Acute toxicity - fish | LC ₅₀ , 96 hours: >1-10 mg/l, Fish |
| Acute toxicity - aquatic invertebrates | EC ₅₀ , 48 hours: >1-10 mg/l, Daphnia magna |
| Acute toxicity - aquatic plants | IC ₅₀ , 72 hours: >1-10 mg/l, Algae |
| Acute toxicity - microorganisms | EC ₅₀ , >: 10000 , |
| Acute toxicity - terrestrial | LC ₅₀ , > 14 days: 1000 mg/kg, Eisenia Fetida (Earthworm) |

ARYL ETHER PHOSPHATE ESTER, POTASSIUM SALT

Acute aquatic toxicity

| | |
|------------------------------|--|
| Acute toxicity - fish | LC ₅₀ , 96 hours: >100 mg/l, Fish |
|------------------------------|--|

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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 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.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

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.

SECTION 14: Transport information

Road transport notes Not classified.

Rail transport notes Not classified.

Sea transport notes Not classified.

Air transport notes Not classified.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

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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

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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

No chemical safety assessment has been carried out.

SECTION 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 Revision of information NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 10/07/2019

Revision 8

Supersedes date 05/12/2018

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.

Notes for Hazard Statements in Full The full text for 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.