



SAFETY DATA SHEET

Knaus Washing Machine & Dishwasher Cleaner

1. Identification

Product identifier

Product name Knaus Washing Machine & Dishwasher Cleaner
Product number 01010/03
Container size 300g

Recommended use of the chemical and restrictions on use

Application Cleaning agent.
Uses advised against Not to be used in any other way than instructed on product packaging.

Details of the supplier of the safety data sheet

Supplier Challs International Ltd
 UK ADDRESS:
 Unit 46 Lady Lane Industrial Estate
 Hadleigh
 Suffolk
 IP7 6BQ
 Contact Number: +44 1473 828700
 Contact Email: sales@challs.com

EU ADDRESS:
 1 Drummartin Road
 Dundrum
 Dublin 14
 D14 C3YO
 Contact Number: +353 12960842
 Contact Email: sales@challs.com

Manufacturer Challs International Group Ltd
 Unit 46 Lady Lane Industrial Estate
 Hadleigh
 Suffolk
 IP7 6BQ
 01473 820999
 sales@challs.com

Emergency telephone number

National emergency telephone number (01) 809 2166 - Poisons Information Centre of Ireland
 Office Hours: Daily 8am-10pm
 030 - 192 40 - Giftnotruf der Charité Universitätsmedizin Berlin
 13 1126 (24 hours) Australian National Poisons Centre

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Ox. Sol. 2 - H272

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Health hazards Acute Tox. 4 - H302 Eye Dam. 1 - H318

Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Danger

Hazard statements
 H272 May intensify fire; oxidizer.
 H302 Harmful if swallowed.
 H318 Causes serious eye damage.

Precautionary statements
 P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
 P220 Keep away from combustible materials.
 P221 Take any precaution to avoid mixing with combustibles.
 P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P312 If swallowed: Call a poison center/ doctor if you feel unwell.
 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.
 P330 Rinse mouth.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains Sodium Percarbonate

Other hazards

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

3. Composition/information on ingredients

Mixtures

Sodium Percarbonate CAS number: 15630-89-4	60-100%
Classification Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	
Trisodium Phosphate (Surfac TSP Crystals) CAS number: 10101-89-0	5-10%
Classification Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 STOT SE 3 - H335	

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

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4. First-aid measures

Description of first aid measures

Inhalation	Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact	Remove affected person from source of contamination. Take off immediately all contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water or use an approved skin cleanser. Get medical attention immediately.
Eye contact	Remove affected person from source of contamination. Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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.
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Indication of immediate medical attention and special treatment needed

Specific treatments	Treat symptomatically.
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5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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Special hazards arising from the substance or mixture

Specific hazards	May intensify fire; oxidizer. Water used for fire extinguishing, which has been in contact with the product, may be corrosive.
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Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	For personal protection, see Section 8.
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Environmental precautions

Environmental precautions	The product is not expected to be hazardous to the environment. The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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Methods and material for containment and cleaning up

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Methods for cleaning up

Do not touch or walk into spilled material. Stop leak if safe to do so. Avoid generation and spreading of dust. Collect spillage with a shovel and broom, or similar and reuse, if possible. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. When handling waste, the safety precautions applying to handling of the product should be considered. Flush contaminated area with plenty of water. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions

Read label before use. Good personal hygiene procedures should be implemented. Handle all packages and containers carefully to minimize spills. Avoid generation and spreading of dust. Avoid inhalation of dust. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Specific end uses(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear eye protection. Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.

Hand protection

Wear protective gloves.

Other skin and body protection

Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash promptly with soap and water if skin becomes contaminated. Take off contaminated clothing and wash it before reuse.

Respiratory protection

Wear a suitable dust mask. If ventilation is inadequate, suitable respiratory protection must be worn. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls

Keep container tightly sealed when not in use.

9. Physical and chemical properties

Information on basic physical and chemical properties

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Appearance	Granules.
Color	White/off-white. & Yellow.
Odor	Eucalyptus.
pH	pH (diluted solution): 9 - 11 10% soln
Solubility(ies)	Slightly soluble in water.

10. Stability and reactivity

Reactivity	May intensify fire; oxidizer. May react with the following materials: Acids.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable when stored in a dry place.
Possibility of hazardous reactions	Acids.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Acids.
Hazardous decomposition products	Heating may generate the following products: Carbon monoxide (CO). Carbon dioxide (CO ₂). Oxygen.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 560.18

Inhalation	Dust may irritate the respiratory system. Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	This product is corrosive. May cause chemical burns in mouth, esophagus and stomach.
Skin Contact	This product is corrosive. May cause serious chemical burns to the skin.
Eye contact	This product is strongly corrosive to the eyes. May cause serious eye damage.

12. Ecological information

Ecotoxicity	The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.
Toxicity	The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.
<u>Persistence and degradability</u>	
Biodegradation	Expected to be readily biodegradable.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	The product does not contain any substances expected to be bioaccumulating.
<u>Mobility in soil</u>	
Mobility	The product contains substances which are water-soluble and may spread in water systems.

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Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

General information Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

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

14. Transport information

UN Number

UN No. (TDG) 1479

UN No. (IMDG) 1479

UN No. (ICAO) 1479

UN proper shipping name

Proper shipping name (TDG) OXIDIZING SOLID, N.O.S. (CONTAINS Sodium Percarbonate)

Proper shipping name (IMDG) OXIDIZING SOLID, N.O.S. (CONTAINS Sodium Percarbonate)

Proper shipping name (ICAO) OXIDIZING SOLID, N.O.S. (CONTAINS Sodium Percarbonate)

Transport hazard class(es)

TDG class 5.1

TDG label(s) 5.1

IMDG Class 5.1

ICAO class/division 5.1

Transport labels



Packing group

TDG Packing Group II

IMDG packing group II

ICAO packing group II

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-A, S-Q

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

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15. Regulatory information

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). Dangerous Substances and Explosive Atmospheres Regulations 2002. EH40/2005 Workplace exposure limits. Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
Guidance	Workplace Exposure Limits EH40.

16. Other information

Revision date	21/04/2021
Revision	9.0
Supersedes date	17/02/2021
SDS No.	5018
Hazard statements in full	H272 May intensify fire; oxidizer. H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation.