



Companion in Hygiene Solutions

SAFETY DATA SHEET
according to Regulation (EU) 2015/830

4A Powder Sanitiser

Revision: 1
Revision date: 25/05/2020

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

1.1 Product identifier

Product name 4A Powder Sanitiser

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

Product Use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);

1.3 Details of the supplier of the safety data sheet

Company Address Ionic Products Ltd
Blaris Industrial Estate, Altona Road, Lisburn, Co Antrim
BT27 5QB
United Kingdom
Web www.ionicproductsltd.com
Telephone 028 9267 3331
Email: Info@ionicproductsltd.com

1.4 Emergency telephone number

Emergency telephone number 028 9267 3331. In the event of a medical enquiry involving this product, please contact your GP or local A&E dept.
Ireland: National Poisons Centre, Beaumont Hospital, Dublin 9
Tel: 01 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)
Tel: 01 809 2566 (health care professionals)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.2 Classification - EC 1272/2008 Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

2.2 Label elements

Hazard pictograms



Signal Word

Warning

Hazard Statement

Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statement: Prevention

P264 - Wash thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
P321 - Specific treatment (see on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P391 - Collect spillage.

Precautionary Statement: Disposal

P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

SECTION 3: Composition/information on ingredients

3.2 Mixtures

EC 1272/2008

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| Chemical name | Index No. | CAS No. | EC No. | REACH registration Number | Conc (%w/w) | Classification |
|-------------------|-----------|------------|-----------|---------------------------|-------------|---|
| Troclosene sodium | | 51580-86-0 | 220-767-7 | 01-2119489371-33 | 10-20% | Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Chronic 1: H410; EUH031; |

Active substance(s). Troclosene sodium : 6g/100g.

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|--------------|---|
| Inhalation | May cause irritation to respiratory system. |
| Eye contact | Irritating to eyes. |
| Skin contact | Irritating to skin. |
| Ingestion | Irritant. |

4.3 Indication of any immediate medical attention and special treatment needed

| | |
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| | No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11. |
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SECTION 5: Firefighting measures

5.1 Extinguishing media

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| | Use extinguishing media appropriate to the surrounding fire conditions. |
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5.2 Special hazards arising from the substance or mixture

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| | Burning produces irritating, toxic and obnoxious fumes. |
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5.3 Advice for firefighters

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| | Wear suitable respiratory equipment when necessary. |
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
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6.2 Environmental precautions

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| | Do not allow product to enter drains. Prevent further spillage if safe. |
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6.3 Methods and material for containment and cleaning up

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|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.4 Reference to other sections

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| | For personal protective equipment see subsection 8.2. For disposal considerations see section 13. |
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

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| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing. |
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7.2 Conditions for safe storage, including any incompatibilities

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| | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. For incompatibilities refer to section 10.4. |
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7.3 Specific end use(s)

| | |
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| | No specific advice for end use available. |
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SECTION 8: Exposure controls/personal protection



8.1 Control parameters

Exposure Pattern - Workers

| | | |
|-------------------|---|------------------------|
| Troclosene sodium | Long-term - inhalation - Systemic effects | 8.11 mg/m ³ |
| | Long-term - dermal - Systemic effects | 2.3 mg/kg |

| | |
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| | |
| Exposure Pattern - General population | |
| Troclosene sodium | Long-term - inhalation - Systemic effects 1.99 mg/m ³ |
| | Long-term - dermal - Systemic effects 1.15 mg/kg |
| | Long-term - oral - Systemic effects |

8.2 Exposure controls

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| |   |
| | Adopt best Manual Handling considerations when handling, carrying and dispensing. Take off immediately all contaminated clothing. Wash hands after handling the product. |
| 8.2.1 Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2 Individual protection measures | Use appropriate personal protective equipment. |
| Eye / face protection | Safety glasses. (EN166) |
| Skin protection - Hand protection | Chemical resistant gloves (PVC). (EN 374) |
| Respiratory protection | Not normally required. Do not breathe dust. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|----------------------------------|------------------|
| Appearance | Powder |
| Colour | Pink |
| Odour | Characteristic |
| pH | @ 1% >8.0 |
| Melting point | Not determined |
| Freezing Point | Not determined |
| Initial boiling point | Not determined |
| Flash point | Not determined |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not flammable |
| Fat Solubility | Not determined |
| Partition coefficient | Not determined |
| Autoignition temperature | Not determined |
| Viscosity | Not applicable |
| Explosive properties | Not explosive |
| Oxidising properties | Not oxidising |
| Solubility | Soluble in water |
| Vapour pressure | Not determined |

9.2 Other information

| | |
|-------------------------|----------------|
| Conductivity | Not determined |
| Surface tension | Not determined |
| Specific gravity | Not determined |

SECTION 10: Stability and reactivity

10.1 Reactivity

| | |
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| | No reactivity hazards known under normal storage and use conditions. |
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10.2 Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
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10.3 Possibility of hazardous reactions

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| | No other adverse effects known. |
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10.4 Conditions to avoid

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| | Avoid contact with: Acids. |
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

| | |
|----------------------------------|-----------------------------------|
| Skin corrosion/irritation | Irritating to eyes and skin. |
| Germ cell mutagenicity | No mutagenic effects reported. |
| Carcinogenicity | No carcinogenic effects reported. |
| Reproductive toxicity | No observed effect level. |

11.1.4 Toxicological Information

| | | |
|--|------------------------------|---------------------------|
| | Dermal Rat LD50: >5000 mg/kg | Oral Rat LD50: 1671 mg/kg |
|--|------------------------------|---------------------------|

| | | |
|-------------------|-----------------------------|-----------------------------------|
| Troclosene sodium | Oral Mouse LD50: NDA | Dermal Rabbit LD50: NDA |
| | Dermal Guinea Pig LD50: NDA | Inhalation Rat LC50/4 h: >59 mg/l |

SECTION 12: Ecological information

12.1 Toxicity

| | |
|-------------------|----------------------------|
| Troclosene sodium | Daphnia EC50/48h 0.21 mg/l |
| | Fish LC50/96h 0.46 mg/l |
| | Algae IC50/72h: NDA |

12.2 Persistence and degradability

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|---------------------------------------|
| No data is available on this product. |
|---------------------------------------|

12.3 Bioaccumulative potential

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|---------------------------------------|
| No data is available on this product. |
|---------------------------------------|

Partition coefficient

| |
|---------------------------------------|
| No data is available on this product. |
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12.4 Mobility in soil

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|---------------------------------------|
| No data is available on this product. |
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12.5 Results of PBT and vPvB assessment

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| Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3. |
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12.6 Other adverse effects

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|---------------------------------|
| No other adverse effects known. |
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SECTION 13: Disposal considerations

General information

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| Dispose of in compliance with all local and national regulations. |
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Disposal of packaging

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| Dispose of in compliance with all local and national regulations. Empty containers can be cleaned with water. |
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Further information

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| European Waste Catalogue: 20 01 29. |
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SECTION 14: Transport information

Hazard pictograms



14.1 UN number

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|--------|
| UN3077 |
|--------|

14.2 UN proper shipping name

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| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SODIUM DICHLOROISOCYANURATE DIHYDRATE) |
|--|

14.3 Transport hazard class(es)

| | |
|-----------------|---|
| ADR/RID | 9 |
| Subsidiary risk | - |
| IMDG | 9 |
| Subsidiary risk | - |
| IATA | 9 |
| Subsidiary risk | - |

14.4 Packing group

| | |
|---------------|-----|
| Packing group | III |
|---------------|-----|

14.5 Environmental hazards

| | |
|-----------------------|-----|
| Environmental hazards | Yes |
| Marine pollutant | Yes |

ADR/RID

| | |
|-----------------|----|
| Hazard ID | 90 |
| Tunnel Category | E |

IMDG

| | |
|----------|---------|
| EmS Code | F-A-S-F |
|----------|---------|

IATA

| | |
|--|-------|
| Packing Instruction (Cargo) | 956 |
| Maximum quantity | 400kg |
| Packing Instruction (Passenger) | 956 |
| Maximum quantity | 400kg |

SECTION 15: Regulatory information

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

| | |
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| | <p>EU regulations:</p> <ul style="list-style-type: none"> • Regulation(EC)No.1907/2006 - REACH • Regulation(EC)No1272/2008 - CLP • Regulation(EC)No.648/2004 - Detergents regulation <p>Ingredients according to EC Detergents Regulation 648/2004 5 - 15: Phosphates Less than 5%: Chlorine based bleaching agents</p> |
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15.2 Chemical safety assessment

| | |
|--|---|
| | A chemical safety assessment has not been carried out on the mixture. |
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SECTION 16: Other information

Other information

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|---|---|
| Revision | This document differs from the previous version in the following areas: |
| Acronyms | <p>Changes to sections 1, 3, 8, 9, 11, 12, 15</p> <p>LC: Lethal concentration. LD: Lethal dose. NDA - No data available. NOAEC: No observed adverse effect concentration. NOAEL: No observed adverse effect level. NOEC: No observed effect concentration. NOEL: No observed effect level. PBT: Persistent, bioaccumulative and toxic. SVHC. Substance of very high concern. vPvB. Very persistent and very bioaccumulative. *R01 - Polymer REACH number not available.</p> |
| Text of Hazard Statements in Section 3 | <p>EUH031 - Contact with acids liberates toxic gas. Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p> |

Further information

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| | <p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.</p> <p>Internal ref: F000045</p> |
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