

Product SANITISING POWDER  
 Revision date 29 November 2018  
 Revision 1



## Safety Data Sheet (SDS)

### Section 1: Identification of the substance/preparation and of the company/undertaking

#### 1.1 Product identifier

**Product name** SANITISING POWDER  
**Product no.** 202  
**Synonyms, Trade names** No information available.

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

**Identified uses** Cleaning agent.  
**Uses advised against** No uses advised against are identified.

#### 1.3 Details of the supplier of the safety data sheet

**Supplier** Kitchenmaster NI Ltd  
 11 Comber Road  
 Belfast  
 BT8 8AN  
 United Kingdom  
 Tel: 028 9081477 02890812881  
 sales@kitchenmaster-ni.com

**Contact person**

#### 1.4 Emergency telephone number

**Emergency telephone** Emergency Telephone Number: 028 9081 4777 08:30 - 17:00 Monday to Thursday 08:30 - 16:30 Friday

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (EC 1272/2008)**  
 Physical and chemical hazards Not classified  
 Human health Skin Irrit.2 - H315, Eye Irrit.2A - H319  
 Environment Aquatic Chronic 3 - H412

#### 2.2 Label elements

**Contains** Not applicable  
**Detergent labeling** ≥30% Phosphates  
 <5% chlorine-based bleaching agents

**Label in accordance with (EC) no. 1272/2008**



**Signal word** Warning

**Hazard statements** H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** **Prevention**  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/eye protection/face protection.

**Response**

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

P337 + P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

**2.3 Other hazards**

None known.

**Section 3: Composition/identification of ingredients****3.1 Substance**

Not applicable.

**3.2 Mixtures**

Name	Product identifier	Reg. EU 1272/2008	%
Trisodium Phosphate Chlorinated	CAS-No.: 11084-85-8 EC No.: 234-307-8	Skin Irrit.2 - H315, Eye Irrit.2A - H319	30-60%
sodium carbonate	CAS-No.: 497-19-8 EC No.: 207-838-8	Eye Irrit.2A - H319	10-30%
troclosene sodium	CAS-No.: 2893-78-9 EC No.: 220-767-7	Ox Sol 2- H272, Acute Tox 4 - H302, Eye Irrit.2A - H319, STOT SE 3 - H335, Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	1-10%

The full text for all hazard statements are displayed in section 16.

**Composition comments**

The data shown are in accordance with the latest EC Directives.

**Section 4: First aid measures****4.1 Description of first aid measures****General information**

Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. Seek medical attention for all burns and eye injuries, regardless how minor they may seem. First aid personnel must be aware of own risk during rescue.

**Inhalation**

If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. Provide rest, warmth and fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

**Ingestion**

If this product is ingested, remove victim immediately from source of exposure. Rinse mouth thoroughly. Do not induce vomiting. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Get medical attention immediately! Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

**Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with water. Get medical attention promptly if irritation continues or sores develop.

**Eye contact**

If this product contacts the eyes, remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Seek medical attention if irritation persists.

**4.2 Most important symptoms and effects, both acute and delayed****General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

**Inhalation**

May cause respiratory irritation.

**Ingestion**

May cause gastric or intestinal irritation.

**Skin contact**

Contact with skin may cause irritation.

**Eye contact**

Causes serious eye irritation. Dust can cause mechanical irritation.

**4.3 Indication of any immediate medical attention and special treatment needed****Notes to the physician**

Treat symptomatically.

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## Section 5: Fire-fighting measures

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### 5.1 Extinguishing media

<b>Extinguishing media</b>	Water spray or CO <sub>2</sub> .
<b>Unsuitable extinguishing media</b>	Do not use ABC extinguishers containing nitrogen, due to risk of violent chemical reaction.

### 5.2 Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	During fire, toxic gases (CO, CO <sub>2</sub> ) are formed. Hydrogen chloride gas, nitrous gases.
<b>Unusual fire &amp; explosion hazards</b>	High concentrations of dust may form explosive mixture with air.
<b>Specific hazards</b>	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 5.3 Advice for firefighters

<b>Special fire fighting procedures</b>	Avoid breathing fire vapours. Keep up-wind to avoid fumes. If possible, fight fire from protected position. Ventilate closed spaces before entering them. Water spray should be used to cool containers. Do not release runoff from fire to drains or watercourses.
<b>Protective equipment for firefighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

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## Section 6: Accidental release measures

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### 6.1 Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid inhalation of dust or vapours and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Do not smoke, eat or drink while using this product. Eliminate all sources of ignition.
<b>For emergency responders</b>	Follow safe handling advice and personal protective equipment recommendations for normal use of product. Do not touch spilled material. Ventilate area, evacuate personnel.

### 6.2 Environmental precautions

<b>Environmental precautions</b>	Do not allow ANY environmental contamination. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
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### 6.3 Methods and material for containment and cleaning up

<b>Spill clean up methods</b>	Ventilate and evacuate the area. Eliminate all ignition sources. Stop leak if possible without risk. Sweep/shovel up residues. Take care not to raise dust. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container. Wash thoroughly after dealing with a spillage.
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### 6.4 Reference to other sections

<b>Reference to other sections</b>	See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.
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## Section 7: Handling and storage

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### 7.1 Precautions for safe handling

<b>Handling</b>	Keep away from heat, sparks and open flame. Provide good ventilation. Do not use contact lenses. Use proper personal protection when handling (refer to Section 8). Do not mix with other chemicals. Avoid inhalation of dust and contact with skin and eyes
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### 7.2 Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store locked up. Keep out of reach of children. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep upright. Do not mix with other chemicals. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store separate from other products which react with acids or bases and strong oxidising agents.
<b>Storage class</b>	Chemical storage.

**7.3 Specific end use(s)**

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
<b>Usage description</b>	Use only according to directions. Replace and tighten cap after use.

**Section 8: Exposure controls/Personal protection****8.1 Control parameters**

<b>Ingredient comments</b>	No exposure limits noted for ingredient(s).
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**8.2 Exposure Controls****Protective equipment**

<b>Engineering measures</b>	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
<b>Respiratory equipment</b>	If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/145/143/149. The specific respirator selected must be based on contamination levels found in the work place. Where risk assessment shows air-purifying respirators are appropriate a full face respirator conforming to EN143 should be used, and suitable respirator cartridges as a backup to engineering controls. Consult manufacturer for specific advice.
<b>Hand protection</b>	Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374) is recommended. (EU Directive 89/686/EEC). Gloves must be inspected prior to use. Suggested material: Butyl rubber. Layer thickness: 0.11 mm. Breakthrough time: >480 minutes. Consult manufacturer for advice. Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
<b>Eye protection</b>	Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).
<b>Other protection</b>	Wear appropriate clothing to prevent skin contact. The selected clothing must satisfy the European norm standard EN 943. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.
<b>Hygiene measures</b>	Observe normal hygiene standards. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash hands after use.
<b>Process conditions</b>	Ensure that eye flushing systems and safety showers are located close by in the work place.

**Section 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Powder.
<b>Colour</b>	White.
<b>Odour</b>	Distinct.
<b>Odour threshold - lower</b>	No information available.
<b>Odour threshold - upper</b>	No information available.
<b>pH-Value, Conc. Solution</b>	11.00
<b>pH-Value, Diluted solution</b>	No information available.

<b>Melting point</b>	No information available.
<b>Initial boiling point and boiling range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability state</b>	No information available.
<b>Flammability limit - lower(%)</b>	No information available.
<b>Flammability limit - upper(%)</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density (air=1)</b>	No information available.
<b>Relative density</b>	No information available.
<b>Bulk density</b>	No information available.
<b>Solubility</b>	No information available.
<b>Decomposition temperature</b>	No information available.
<b>Partition coefficient; n- Octanol/Water</b>	No information available.
<b>Auto ignition temperature (°C)</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	

## **9.2 Other information**

<b>Molecular weight</b>	No information available.
<b>Volatile organic compound</b>	No information available.
<b>Other information</b>	None noted.

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## **Section 10: Stability and reactivity**

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### **10.1 Reactivity**

<b>Reactivity</b>	Reaction with oxidisers. Reacts with ammonia, urea, ammonium compounds, bases, acids. Dust clouds may be explosive.
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### **10.2 Chemical stability**

<b>Stability</b>	Stable under normal temperature conditions and recommended use.
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### **10.3 Possibility of hazardous reactions**

<b>Hazardous reactions</b>	See section 10.1 for information on hazardous reactions. A risk of explosion and / or of toxic gas formation exists with the following substances: Ammonia, urea, ammonium compounds, bases, acids.
<b>Hazardous polymerisation</b>	Will not polymerise
<b>Polymerisation description</b>	Unknown.

### **10.4 Conditions to Avoid**

<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
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**10.5 Incompatible materials**

**Materials to avoid** Keep away from ammonia, urea, ammonium compounds, bases, acids, and oxidisers. Do not mix with other chemicals unless listed on directions.

**10.6 Hazardous decomposition products**

**Hazardous decomposition products** During fire, toxic gases (CO, CO<sub>2</sub>) are formed. Decomposition products may include: Chlorine gas. Nitrogen Trichloride. Nitrogen oxides (NO<sub>x</sub>). Hydrogen Chloride.

**Section 11: Toxicological information****11.1 Information on toxicological effects**

**Toxicological information** No toxicological information for the overall finished product.

**Acute toxicity (Oral LD50)** SODIUM CARBONATE (CAS 497-19-8): 2800 mg/kg, Rat. REACH dossier information.  
**Acute toxicity (Dermal LD50)** SODIUM CARBONATE (CAS 497-19-8): > 2000 mg/kg, Rabbit. REACH dossier information.  
**Acute toxicity (Inhalation LD50)** SODIUM CARBONATE (CAS 497-19-8): 2300 mg/m<sup>3</sup> (aerosol) Rat, (2 hours). REACH dossier information.

**Serious eye damage/irritation** Causes serious eye irritation.

**Skin corrosion/irritation** No information available.

**Respiratory sensitisation** No information available.  
**Skin sensitisation** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Specific target organ toxicity - Single exposure:**  
**STOT - Single exposure** No information available.  
**Specific target organ toxicity - Repeated exposure:**  
**STOT - Repeated exposure** No information available.

**Inhalation** May cause respiratory irritation.  
**Ingestion** May cause gastric or intestinal irritation.  
**Skin contact** Contact with skin may cause irritation.  
**Eye contact** Causes serious eye irritation. Dust can cause mechanical irritation.  
**Waste management** When handling waste, consideration should be made to the safety precautions applying to handling of the product.

**Routes of entry** No information available.  
**Target organs** No target organs specified.

**Aspiration hazards:** No information available.  
**Reproductive toxicity:** No information available.

Name	LD50 oral	LD50 dermal	LD50 inhalation
sodium chloride	3350.00mg/kg Rat	>10000.00mg/kg Rabbit	>42.00mg/l (vapours) Rat 1 Hours

**Section 12: Ecological information****12.1 Toxicity**

**Acute toxicity - Fish** SODIUM CARBONATE (CAS 497-19-8) LC50: (96 hours) 300 mg/l, Lepomis macrochirus (Bluegill). REACH dossier information.  
**Acute toxicity - Aquatic invertebrates** SODIUM CARBONATE (CAS 497-19-8) EC50: (48 hours) 200 mg/l, Ceriodaphnia sp. REACH dossier information.  
**Acute toxicity - Aquatic plants** No information available.  
**Acute toxicity - Microorganisms** No information available.  
**Chronic toxicity - Fish** No information available.  
**Chronic toxicity - Aquatic invertebrates** No information available.

<b>Chronic toxicity - Aquatic plants</b>	No information available.
<b>Chronic toxicity - Microorganisms</b>	No information available.
<b>Ecotoxicity</b>	The product contains a substance which is harmful to aquatic life with long lasting effects.
<b>Eco toxicological information</b>	The product contains a substance which is harmful to aquatic organisms.

**12.2 Persistence and degradability**

<b>Degradability</b>	No information available.
<b>Biological oxygen demand</b>	No information available.
<b>Chemical oxygen demand</b>	No information available.

**12.3 Bioaccumulative potential**

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Bioaccumulation factor</b>	No information available.
<b>Partition coefficient; n-Octanol/Water</b>	No information available.

**12.4 Mobility in soil**

<b>Mobility</b>	The product is soluble in water.
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**12.5 Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** The product does not contain any PBT or vPvB Substances.

**12.6 Other adverse effects**

<b>Other adverse effects</b>	None known.
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Name	Acute toxicity (Fish)	Acute toxicity (Aquatic invertebrates)	Acute toxicity (Aquatic plants)
sodium chloride	LC50 96 Hours 5840.00mg/l Lepomis macrochirus (Bluegill)	LC50 48 Hours 4136.00mg/l Daphnia magna	

**Section 13: Disposal considerations**

<b>Waste management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
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**13.1 Waste treatment methods**

<b>Disposal methods</b>	Dispose of waste and residues in accordance with local authority requirements.
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**Section 14: Transport information****14.1 UN number**

<b>UN no. (ADR)</b>	Not applicable.
<b>UN no. (IMDG)</b>	Not applicable.
<b>UN no. (IATA)</b>	Not applicable.

**14.2 UN proper shipping name**

<b>ADR proper shipping name</b>	Not applicable.
<b>IMDG proper shipping name</b>	Not applicable.
<b>IATA proper shipping name</b>	Not applicable.

**14.3 Transport hazard class(es)**

<b>ADR class</b>	Not applicable.
<b>IMDG class</b>	Not applicable.
<b>IATA class</b>	Not applicable.

<b>Transport labels</b>	Not applicable
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**14.4 Packing group**

<b>ADR/RID/ADN packing group</b>	Not applicable.
<b>IMDG packing group</b>	Not applicable.
<b>IATA packing group</b>	Not applicable.

**14.5 Environmental hazards**

<b>ADR</b>	Yes
<b>IMDG</b>	Yes
<b>IATA</b>	Yes

**14.6 Special precautions for user**

<b>EMS</b>	Not applicable.
<b>Emergency action code</b>	Not applicable.
<b>Hazard no. (ADR)</b>	Not applicable.
<b>Tunnel restriction code</b>	Not applicable.

**14.7 Transport in bulk according to annex II of MARPOL73/78 and the IBC code**

Not applicable.

**Section 15: Regulatory information****15.1 Safety, health and environmental regulations/Legislation specific for the substance or mixture**

<b>EU legislation</b>	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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006.
<b>Approved code of practice</b>	Workplace Exposure Limits Guidance Note EH40/2005.  2016 Code of Practice for the Chemical Agents Regulations in accordance with section 60 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005).
<b>Chemical safety assessment</b>	No chemical safety assessment has been carried out.

**Section 16: Other information**

<b>General information</b>	This Safety Data Sheet is in accordance with Reach Regulation (EC) No 453/2010.
<b>Revision comments</b>	This is a first issue.
<b>Revision date</b>	29 November 2018
<b>Revision</b>	1
<b>Safety data sheet status</b>	Approved.

**Hazard statements in full**

<b>EUH031</b>	Contact with acids liberates toxic gas.
<b>H315</b>	Causes skin irritation.
<b>H319</b>	Causes serious eye irritation.
<b>H272</b>	May intensify fire; oxidiser.
<b>H302</b>	Harmful if swallowed.
<b>H335</b>	May cause respiratory irritation.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H412</b>	Harmful to aquatic life with long lasting effects.

**Disclaimer**

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.