

# SAFETY DATA SHEET SANITISING POWDER

According to Regulation (EU) No 453/2010

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name SANITISING POWDER  
Product No. KH202

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

Identified uses Cleaning agent.

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

Supplier Kitchenmaster NI Ltd  
11 Comber Road  
Belfast  
BT8 8AN  
Tel. 028 90814777  
Fax. 028 90812881  
email: sds@kitchenmaster-ni.com

### 1.4. 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 (1999/45/EEC) Xi;R36/37/38. R52/53.

#### Human health

Irritating to eyes, respiratory system and skin.

#### Environment

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 2.2. Label elements

#### Detergent Labelling:

>= 30% phosphates  
< 5% chlorine-based bleaching agents

#### Labelling



Irritant

#### Risk Phrases

R36/37/38 Irritating to eyes, respiratory system and skin.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Safety Phrases

S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S51 Use only in well-ventilated areas.  
S60 This material and its container must be disposed of as hazardous waste.  
P6 Warning! Do not use together with other products. May release dangerous gases (chlorine).

### 2.3. Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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## 3.2. Mixtures

<b>CHLORINATED TSP</b>	<b>50-70%</b>
<b>CAS-No.:</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36/37/38.
<b>SODIUM CARBONATE</b>	<b>10-30%</b>
<b>CAS-No.: 497-19-8</b>	<b>EC No.: 207-838-8</b>
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36
<b>SODIUM DICHLOROISOCYANURATE</b>	<b>1-5%</b>
<b>CAS-No.: 2893-78-9</b>	<b>EC No.: 220-767-7</b>
Classification (EC 1272/2008) Ox. Liq. 2 - H272 EUH031 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) O;R8 Xn;R22 Xi;R36/37 R31 N;R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

#### Ingestion

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

#### Skin contact

Remove victim immediately from source of exposure. Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

#### Eye contact

Remove victim immediately from source of exposure. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

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

#### Inhalation.

Dust may irritate respiratory system or lungs.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Skin irritation.

#### Eye contact

Irritating to eyes.

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

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

## SECTION 5: FIREFIGHTING MEASURES

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## **5.1. Extinguishing media**

### **Extinguishing media**

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

### **Unsuitable extinguishing media**

Not relevant

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

### **Hazardous combustion products**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Chlorine.

### **Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

### **Specific hazards**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Chlorine.

## **5.3. Advice for firefighters**

### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

### **Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

Avoid discharge to the aquatic environment.

### **6.3. Methods and material for containment and cleaning up**

Collect spillage with shovel, broom or the like and reuse, if possible. Dispose of large amounts of spillage/waste according to agreement with local authorities. Avoid generation and spreading of dust.

### **6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Read and follow manufacturer's recommendations. Avoid inhalation of dust and contact with skin and eyes. Wash hands after handling.

### **7.2. Conditions for safe storage, including any incompatibilities**

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

### **7.3. 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**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### **Protective equipment**



#### **Engineering measures**

Provide adequate ventilation.

#### **Respiratory equipment**

If ventilation is insufficient, suitable respiratory protection must be provided.

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## Hand protection

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

## Eye protection

Wear approved safety goggles.

## Hygiene measures

Wash hands after contact. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Crystalline powder.
<b>Odour</b>	Characteristic.

### 9.2. Other information

Not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Acids.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

#### Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid contact with acids.

### 10.5. Incompatible materials

#### Materials To Avoid

Acids.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Inhalation

Irritating to respiratory system.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

Irritating to skin.

#### Eye contact

Irritating to eyes.

#### Toxicological information on ingredients.

**SANITISING POWDER**  
**SODIUM CARBONATE (CAS: 497-19-8)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

2800 mg/kg Rat  
REACH dossier information

**Acute Toxicity (Dermal LD50)**

> 2000 mg/kg Rabbit  
REACH dossier information

**Acute Toxicity (Inhalation LC50)**

2300 mg/m<sup>3</sup> (aerosol) Rat 2 hours  
REACH dossier information

**CHLORINATED TSP**

**SODIUM DICHLOROISOCYANURATE (CAS: 2893-78-9)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

1823 mg/kg Rat  
REACH dossier information

**Acute Toxicity (Dermal LD50)**

> 5000 mg/kg Rat  
REACH dossier information

**Acute Toxicity (Inhalation LC50)**

> 0.27 mg/l (dust/mist) Rat 4 hours  
REACH dossier information

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**12.1. Toxicity**

**Ecological information on ingredients.**

**SODIUM CARBONATE (CAS: 497-19-8)**

**Acute Toxicity - Fish**

LC50 96 hours 300 mg/l *Lepomis macrochirus* (Bluegill)  
REACH dossier information

**Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 200 mg/l *Ceriodaphnia* sp.  
REACH dossier information

**SODIUM DICHLOROISOCYANURATE (CAS: 2893-78-9)**

**Acute Toxicity - Fish**

LC50 96 hours > 1000 mg/l *Lepomis macrochirus* (Bluegill)  
REACH dossier information

**Acute Toxicity - Aquatic Invertebrates**

LC50 48 hours > 1000 mg/l *Daphnia magna*  
REACH dossier information

**Acute Toxicity - Aquatic Plants**

EC50 72 hours > 100 mg/l *Skeletonema costatum*  
REACH dossier information  
NOEC 72 hours 100 mg/l *Skeletonema costatum*  
REACH dossier information

**12.2. Persistence and degradability**

**Degradability**

There are no data on the degradability of this product.

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## 12.3. Bioaccumulative potential

### **Bioaccumulative potential**

No data available on bioaccumulation.

## 12.4. Mobility in soil

### **Mobility:**

The product is soluble in water.

## 12.5. Results of PBT and vPvB assessment

Not determined.

## 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **General information**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

## SECTION 14: TRANSPORT INFORMATION

### **General**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 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

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

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### **Guidance Notes**

Workplace Exposure Limits EH40.

# SANITISING POWDER

## EU Legislation

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.

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### Revision Comments

Re-issued according to Regulation (EU) No 453/2010.

**Revision Date** 04-2012

**Revision** 2

**Supersedes date** 05-2008

### Risk Phrases In Full

R31	Contact with acids liberates toxic gas.
R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/37	Irritating to eyes and respiratory system.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Hazard Statements In Full

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