

# SAFETY DATA SHEET

## CHERRY SANI HSC

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                      CHERRY SANI HSC  
Product No.                        KM 605 Cherry

#### 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.

##### Human health

Irritating to eyes.

##### Environment

The product contains a substance which is very toxic to aquatic organisms.

#### 2.2. Label elements

##### Detergent Labelling:

< 5%	non-ionic surfactants perfumes amphoteric surfactants	
Contains	BENZALKONIUM CHLORIDE	

##### Labelling



Irritant

##### Risk Phrases

R36                                      Irritating to eyes.

##### Safety Phrases

S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S60	This material and its container must be disposed of as hazardous waste.

#### 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

## CHERRY SANI HSC

<b>ALCOHOL ETHOXYLATE-7 MOLE</b>		<b>1-5%</b>
<b>CAS-No.: 68131-39-5</b>	<b>EC No.:</b>	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. Xi;R41. N;R50.	
<b>ALKYL DIMETHYLAMINE OXIDE</b>		<b>&lt; 1</b>
<b>CAS-No.: 68955-55-5</b>	<b>EC No.:</b>	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xi;R38,R41. N;R50.	
<b>BENZALKONIUM CHLORIDE</b>		<b>&lt; 1</b>
<b>CAS-No.: 68391-01-5</b>	<b>EC No.:</b>	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400	Classification (67/548/EEC) Xn;R22. C;R34. N;R50.	
<b>DISODIUM METASILICATE</b>		<b>&lt; 5%</b>
<b>CAS-No.: 6834-92-0</b>	<b>EC No.: 229-912-9</b>	
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37	

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.

##### **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. 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. Get medical attention if any discomfort continues.

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

##### **Inhalation.**

Spray mists may cause respiratory tract irritation.

##### **Ingestion**

May cause discomfort if swallowed. May cause internal injury.

##### **Skin contact**

Prolonged skin contact may cause redness and irritation.

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## Eye contact

Irritating to eyes. May cause blurred vision and serious eye damage.

## **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**

### **5.1. Extinguishing media**

#### **Extinguishing media**

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

#### **Unsuitable extinguishing media**

Not applicable.

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

#### **Hazardous combustion products**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

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

No unusual fire or explosion hazards noted.

#### **Specific hazards**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

### **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**

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

### **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 spilling, skin and eye contact. 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**

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## Engineering measures

Provide adequate ventilation.

## Hand protection

Use suitable protective gloves if risk of skin contact. 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 handling. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. 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

Appearance	Liquid
Odour	Characteristic.
Solubility	Soluble in water.
Relative density	1.03
pH-Value, Conc. Solution	14.0

### 9.2. Other information

## 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.

### 10.5. Incompatible materials

#### Materials To Avoid

Strong acids.

### 10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Aspiration hazard:

##### Inhalation

Spray mists may cause respiratory tract irritation.

##### Ingestion

May cause discomfort if swallowed.

##### Skin contact

Prolonged contact may cause redness and irritation.

##### Eye contact

Irritating to eyes.

#### Toxicological information on ingredients.

**CHERRY SANI HSC**  
**DISODIUM METASILICATE (CAS: 6834-92-0)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

994 mg/kg Rat

REACH dossier information

**Acute Toxicity (Dermal LD50)**

> 3000 mg/kg Rat

REACH dossier information

**Acute Toxicity (Inhalation LC50)**

> 2.06 mg/l (vapours) Rat

REACH dossier information

**ALKYL DIMETHYLAMINE OXIDE (CAS: 68955-55-5)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

REACH dossier information

**Acute Toxicity (Dermal LD50)**

> 2000 mg/kg Rat

REACH dossier information

**Acute Toxicity (Inhalation LC50)**

> 1.6 mg/l (dust/mist) Rat 4 hours

REACH dossier information

**ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

REACH dossier information

**Acute Toxicity (Dermal LD50)**

> 2000 mg/kg Rat

REACH dossier information

**Acute Toxicity (Inhalation LC50)**

> 1.6 mg/l (dust/mist) Rat 4 hours

REACH dossier information

**BENZALKONIUM CHLORIDE (CAS: 68391-01-5)**

**Acute toxicity:**

**Acute Toxicity (Oral LD50)**

150 mg/kg Mouse

Miscellaneous information sources.

**Acute Toxicity (Dermal LD50)**

1420 mg/kg Rat

Miscellaneous information sources.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**Ecotoxicity**

The product contains a substance which is very toxic to aquatic organisms.

**12.1. Toxicity**

# CHERRY SANI HSC

## Ecological information on ingredients.

### DISODIUM METASILICATE (CAS: 6834-92-0)

#### **Acute Toxicity - Fish**

LC50 96 hours 210 mg/l Brachydanio rerio (Zebra Fish)

REACH dossier information

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 7.8 pH Daphnia magna

REACH dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours 207 mg/l Desmodosmus subspicatus

REACH dossier information

### ALKYL DIMETHYLAMINE OXIDE (CAS: 68955-55-5)

#### **Acute Toxicity - Fish**

LC50 96 hours 0.59 mg/l Pleuronectes platessa

REACH dossier information

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 0.14 mg/l Daphnia magna

REACH dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours 0.75 mg/l Selenastrum capricornutum

REACH dossier information

### ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

#### **Acute Toxicity - Fish**

LC50 96 hours 0.59 mg/l Pleuronectes platessa

REACH dossier information

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 0.14 mg/l Daphnia magna

REACH dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours 0.75 mg/l Selenastrum capricornutum

REACH dossier information

### BENZALKONIUM CHLORIDE (CAS: 68391-01-5)

#### **Acute Toxicity - Fish**

LC50 96 hours 0.31 mg/l Lepomis macrochirus (Bluegill)

Miscellaneous information sources.

## **12.2. Persistence and degradability**

### **Degradability**

The surfactant(s) contained in this preparation 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.

## **Ecological information on ingredients.**

### DISODIUM METASILICATE (CAS: 6834-92-0)

#### **Biodegradation**

Scientifically unjustified.

REACH dossier information

### ALKYL DIMETHYLAMINE OXIDE (CAS: 68955-55-5)

#### **Biodegradation**

Activated sludge Degradation (72%) 28 days

REACH dossier information

The substance is readily biodegradable.

### ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

#### **Biodegradation**

Activated sludge Degradation (72%) 28 days

REACH dossier information

The substance is readily biodegradable.

## **12.3. Bioaccumulative potential**

### **Bioaccumulative potential**

No data available on bioaccumulation.

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## Ecological information on ingredients.

### ALKYL DIMETHYLAMINE OXIDE (CAS: 68955-55-5)

#### **Bioaccumulation factor**

BCF 12.7 Pimephales promelas (Fat-head Minnow)  
REACH dossier information

### ALCOHOL ETHOXYLATE-7 MOLE (CAS: 68131-39-5)

#### **Bioaccumulation factor**

BCF 12.7 Pimephales promelas (Fat-head Minnow)  
REACH dossier information

## **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).

# CHERRY SANI HSC

## Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## Guidance Notes

Workplace Exposure Limits EH40.

## 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

This is first issue.

**Revision Date** 11-2011

### Risk Phrases In Full

R34	Causes burns.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

### Hazard Statements In Full

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.