

## Safety data sheet

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Replaces: 13-11-2013  
Version: 02.00/GBR

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

#### **1.1. Product identifier**

Trade name: Soap Flakes

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

Recommended uses: Cleaning agent

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

Supplier: Guardian Protection Products A/S  
Knudevejen 22  
6600 Vejen  
Denmark  
Tel: +45 75471767  
Fax: +45 75471787  
Email: guardian@guardian.dk

#### **1.4. Emergency telephone number**

0870 600 6266 (UK only) Only available to health professionals.

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### **SECTION 2: Hazards identification**

#### **2.1. Classification of the substance or mixture**

CLP-classification (Regulation (EC)  
No 1272/2008):

The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

Most serious harmful effects:

May cause slight irritation to the skin and eyes.

#### **2.2. Label elements**

The product shall not be classified as hazardous according to the classification and labelling rules for substances and mixtures.

#### **2.3. Other hazards**

Assessment to determine PBT and vPvB has not been made

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Registration number	CAS/EC Number	Substance	CLP-classification (Regulation (EC) No 1272/2008)	w/w% Note
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Contains no substances subject to reporting requirements.

*Please see section 16 for the full text of H-phrases.*

Other information: Pursuant to Regulation (EC) No. 648/2004 on detergents:  
30% and more: soap

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation: Seek fresh air, wash out mouth with water and blow nose thoroughly.

Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

Skin: Remove contaminated clothing. Wash the skin with water.

Eyes: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Other information: When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

Treat symptoms. No special immediate treatment required.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media Do not use water stream, as it may spread the fire.

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

The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

#### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

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### SECTION 6: Accidental release measures

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

For non-emergency personnel: Wear safety goggles if there is a risk of dust contact with eyes. Wear gloves.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

#### 6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains.

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

Sweep up/collect spills for possible reuse or transfer to suitable waste containers. Wipe up minor spills with a damp cloth.

#### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

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### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Work processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Store in a dry area. Store frost-free.

### 7.3. Specific end use(s)

None.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Legal basis: EH40/2005 Workplace exposure limits. Last amended December 2011.

Contains no substances subject to reporting requirements.

### 8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of dust contact with eyes. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: Plastic or rubber gloves recommended.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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## SECTION 9: Physical and chemical properties

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

State: Flakes  
Colour: Yellowish White  
Odour: Mild Characteristic  
Odour threshold: No data  
pH (solution for use): 10,5  
pH (concentrate): No data  
Melting point/freezing point: No data  
Initial boiling point and boiling range: No data  
Flash point: No data  
Evaporation rate: No data  
Flammability (solid, gas): No data  
Upper/lower flammability limits: No data  
Upper/lower explosive limits: No data  
Vapour pressure: No data  
Vapour density: No data  
Relative density: 0,4-0,5  
Solubility: Soluble in the following: Water.  
Partition coefficient n-octanol/water: No data  
Auto-ignition temperature: No data  
Decomposition temperature: No data  
Viscosity: No data  
Explosive properties: No data  
Oxidising properties: No data

### 9.2. Other information

None.

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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

Reacts under heat generation with the following: Oxidisers/ Acids.

### **10.2. Chemical stability**

The product is stable when used in accordance with the supplier's directions.

### **10.3. Possibility of hazardous reactions**

None known.

### **10.4. Conditions to avoid**

None known.

### **10.5. Incompatible materials**

Oxidisers/ Acids.

### **10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide.

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## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

Acute toxicity - oral:	Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	May cause slight irritation. The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	Temporary irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	Inhalation of dust may cause irritation to the upper airways. The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

The product does not have to be classified. Test data are not available.

### **12.2. Persistence and degradability**

Expected to be biodegradable. Test data are not available.

### **12.3. Bioaccumulative potential**

No bioaccumulation expected. Test data are not available.

### **12.4. Mobility in soil**

Test data are not available.

#### **12.5. Results of PBT and vPvB assessment**

No assessment has been made.

#### **12.6. Other adverse effects**

The product affects the pH value of the local aquatic environment.

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### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

Do not discharge large quantities of concentrated spills and residue into drains.

Collect concentrated spills and major waste in closed, leak-proof containers for disposal at the applicable hazardous waste site with the below specifications.

EWC code: Depends on line of business and use, for instance 16 05 09discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

Absorbent/cloth contaminated with the product:

EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

Empty, cleansed packaging should be disposed of for recycling.

Uncleansed packaging is to be disposed of via the local waste-removal scheme.

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### **SECTION 14: Transport information**

The product is not covered by the rules for transport of dangerous goods.

#### **14.1. UN number**

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#### **14.2. UN proper shipping name**

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#### **14.3. Transport hazard class(es)**

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#### **14.4. Packing group**

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#### **14.5. Environmental hazards**

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#### **14.6. Special precautions for user**

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#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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### **SECTION 15: Regulatory information**

Covered by: Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. (as subsequently amended)

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

Special provisions:

None.

#### **15.2. Chemical safety assessment**

Chemical safety assessment has not been performed.

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### **SECTION 16: Other information**

Changes have been made in the following sections: 1-16

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

Classification method: Calculation based on the hazards of the known components.

H-phrases: No H-phrases.

Training: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

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