

## SAFETY DATA SHEET

### UNIGUARD

Revision 0  
Revision date

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** UNIGUARD

**Company** Unicare (Chemicals)Limited  
P.O.Box 54088  
3720 Limassol ,Cyprus  
team@unicaregroup.com  
www.unicaregroup.com

**Telephone** +357 25392806, +357 25711055

**Fax** +357 25392077

**Emergency telephone number** Cyprus 1401 - Gr. 2107793777

**Supplier** UNICARE (Chemicals) S.A  
Moraitinis 20  
Metamorposi Attikis  
P.O.Box 14452 Athens  
Tel. : +210 28 55 400  
Fax.: +210 28 28 300Bex.

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Sodium hydroxide	0.5 - 1%	1310-73-2	215-185-5	C; R35
Sodium carbonate	1 - 10%	497-19-8	207-838-8	Xi; R36
c12-c14 alkyldimethylamine oxide	1 - 10%	70592-80-2		Xi; R38-41 N; R50
Sodium hypochloride 100%	1 - 10%	007681052-9		C; R34 R31

#### 3. HAZARDS IDENTIFICATION

**Main hazards** Irritating to eyes and skin.

#### 4. FIRST AID MEASURES

**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.

**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.

**Inhalation** Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Carbon oxides.
<b>Fire hazards</b>	Burning produces irritating, toxic and obnoxious fumes.
<b>Protective equipment</b>	Wear suitable respiratory equipment when necessary.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Sodium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2
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<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear: Suitable respiratory equipment.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Aqueous solution.
<b>Colour</b>	Amber.
<b>Odour</b>	Aromatic.
<b>pH</b>	12
<b>Relative density</b>	1.1
<b>Water solubility</b>	soluble in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
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## 11. TOXICOLOGICAL INFORMATION

## 12. ECOLOGICAL INFORMATION

<b>Degradability</b>	More than 90% biodegradable.
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## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Dispose of in compliance with all local and national regulations.
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## 14. TRANSPORT INFORMATION

## ADR/RID

UN 3212	Packing group II
Class 5.1	Hazard ID 50
Proper Shipping Name	
HYPOCHLORITES, INORGANIC, N.O.S., .	

## IMDG

UN 3212	Packing group II
Class 5.1	Marine pollutant NO
EmS Code	
F-H S-Q	

## IATA

UN 3212	Packing group II
Class 5.1	Subsidiary risk -
Packing Instruction (Cargo)	Maximum quantity 25 kg
512	
Packing Instruction (Passenger)	Maximum quantity 5 kg
509	

Further information The product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols Xi - Irritant



Risk phrases R36/38 - Irritating to eyes and skin.

## 16. OTHER INFORMATION

Text of risk phrases in Section 2

R31 - Contact with acids liberates toxic gas.  
R34 - Causes burns.  
R35 - Causes severe burns.  
R36 - Irritating to eyes.  
R38 - Irritating to skin.  
R41 - Risk of serious damage to eyes.  
R50 - Very toxic to aquatic organisms.

Further information 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. The product is biodegradable according to 648/2004 EEC.

Labelling for contents Allergenic fragrances. 0 - < 5%