

# SAFETY DATA SHEET

## ANTIBACTERIAL SURFACE CLEANER

UNICARE (CHEMICALS) LTD

### 1 Identification

#### GHS Product Identifier

ANTIBACTERIAL SURFACE CLEANER

#### Other means of identification

ANTIBACTERIAL SURFACE CLEANER

#### Recommended use of the chemical and restriction on use

BIOCIDE-CLEANER

#### Supplier's details

Unicare (Chemicals) Ltd  
P.O.Box 54088,  
Aradippou Industrial Area, Cyprus.  
Tel. +357-24531766, Fax. +357-  
24532111 email:  
team@unicaregroup.com

#### Emergency phone number

1401

### 2 Hazard(s) Identification

#### Classification of the substance or mixture

WARNING

#### GHS label elements

Warning



Causes serious eye irritation

If medical advice is needed, have product container  
or label at hand. Keep out of reach of children.

Read label before use.







Wear protective gloves/protective clothing/eye  
protection/face protection. Wash hands thoroughly after  
handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and  
easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention.

#### Other hazards which do not result in classification

See section 16 for any further hazard statements

### 3 Composition/Information on Ingredients

Description	- CAS Number - EINECS Number - Αριθμός Καταχώρησης Reach	Concentration (% w/w)	Classification
Isopropanol	67-63-0 200-661-7 N/A	1-10	Flam. Cat. 2  , Eye Dam. Cat 2A  , Org.Tox. Cat.3
2-butoxyethanol	111-76-2 203-905-0 N/A	1-3	
Alcohols, C11-13-branched, ethoxylated	68439-54-3	0.5-2.0	Eye Dam, H318  
Tetrasodium ethylenediaminetetraacetate	64-02-8 200-573-9	0.1-0.5	H319 Ser. eye ir.  H302 Harm. if swallowed H351 Health Hazard. 
Quaternary ammonium compounds, benzyl-C12-18- alkyldimethyl, chlorides	68391-01-5 269-919-4	0.1-0.3	

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

### 4 First-Aid Measures

#### **Description of necessary first-aid measures**

After inhalation: In case of fainting it is necessary to lie down and transfer to a firm lateral position.

After skin contact: Generally the product does not irritate the skin

After eye contact: Rinse opened eye for several minutes under running water.

Wash eyes under running water for a long time and open the eyelids.

After swallowing: If symptoms persist, consult a physician.

#### **Most important symptoms/effects, acute and delayed**

No other relevant information is available

#### **Indication of immediate medical attention and special treatment needed, if necessary**

No other relevant information is available

### 5 Fire-Fighting Measures

#### **Suitable extinguishing media**

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or high-pressure water jet. Combat fire with large dimensions ejection of high pressure water or alcohol-resistant foam

#### **Specific hazards arising from the chemical**

No other relevant information is available

#### **Special protective actions for fire-fighters**

No special measures are required.

### 6 Accidental Release Measures

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

Not necessary.

## **Environmental precautions**

Do not empty into drains and surface water. It must not penetrate the earthy waters.

## **Methods and materials for containment and cleaning up**

It is collected with binders for liquids . (Sand, pylonite deposits, acid binders, binders in general, Sawdust).

## **7 Handling and Storage**

### **Precautions for safe handling**

If used properly, no special precautions are required.

### **Precautions on how to protect against fire and explosion:**

No special precautions are required

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

### **Requirements for packings and warehouse:**

No special requirements.

### **Storage instructions:**

Not required

### **Further information about storage conditions:**

Keep container well sealed.

## **8 Exposure Controls/Personal Protection**

### **Control parameters**

#### ***Occupational exposure limits:***

#### ***67-63-0 isopropyl alcohol***

*TWA 980 mg/m<sup>3</sup>, 400 ppm*

*STEL 1225 mg/m<sup>3</sup>, 500 ppm*

#### ***111-76-2 2-butoxyethanol***

*TWA 120 mg/m<sup>3</sup>, 25 ppm*

*Δ IOELV (EU) 246 mg/m<sup>3</sup>, 50 ppm*

*98 mg/m<sup>3</sup>, 20 ppm dermal*

### **Appropriate engineering controls**

No relevant information available

### **Individual protection measures**

#### **Personal protective equipment:**

#### **General protective and hygienic measures:**

Keep away from food, drink and animal feed. Immediately remove dirty, wet clothing.

Wash hands before breaks and at the end of work. Avoid contact with skin.

Avoid contact with eyes and skin.

### **Respiratory protection:**

Use a filter respirator for a short or small charge for a strong or Prolonged exposure to respiratory protective device irrespective of surrounding air. Protection of hands:



Protective gloves.

The material of the gloves should be impermeable and resistant to the product (s)/preparation. Due to non-testing, no glove material can be proposed for the product Preparation / chemical mixture.

Select the material of the glove taking into account transit times, permeability and viscosity Degradation.

### **Material of gloves**

The choice of the suitable glove depends not only on the material but also on the extra features Quality, which vary according to the manufacturer.

### **Penetration time of glove material**

The exact passage time is announced by the manufacturer of the protective gloves and should be indicated and kept always.

### **Eye protection:**



Protective goggles absolutely fit.

## **9 Physical and Chemical Properties**

### **Physical and chemical properties**

Form: liquid Colour:

Light Blue Odour:

product specific

Odour threshold: not

determined pH value: 10-11

solidification temperature: not available

Boiling point: not determined

Flash point: not determined

Evaporation rate: not

determined Flammability: not

flammable

Lower explosion limit: not

determined Upper explosion limit:

not determined Ignition temperature:

not determined Vapour pressure: not

determined

Density: 0.96-0.98

Relative density: No data available.

Relative vapour density (air): not

determined. Solubility in water: soluble

Solubility (qualitative) solvent(s): not determined

Partitioning coefficient n-octanol/water (log Kow): not applicable

Self ignition: not determined

Thermal decomposition: not determined

Viscosity, dynamic: not determined

Viscosity, kinematic: not determined

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

## 10 Stability and Reactivity

### **Reactivity**

No other relevant information available

### **Chemical stability**

#### **Thermal decomposition / conditions to be avoided:**

It does not decompose if used properly.

### **Possibility of hazardous reactions**

No dangerous reaction known.

### **Conditions to avoid**

No further relevant information available

### **Incompatible materials**

No further relevant information available.

### **Hazardous decomposition products**

No hazardous decomposition products known.

## 11 Toxicological Information

### **Toxicological (health) effects**

#### **Acute toxicity:**

Based on available data, the classification criteria are not met

#### **Skin erosion and irritation**

Based on available data, the classification criteria are not met.

#### **Severe damage / irritation of the eyes**

It causes serious eye irritation.

#### **Respiratory sensitization or sensitization of the skin**

Based on available data, the classification criteria are not met.

#### **CMR effects (carcinogenicity, mutagenicity and reproductive toxicity)**

#### **Genital Mutagenesis**

Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

#### **Toxicity to reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, classification criteria are not available.

**Toxicity of aspiration:** Based on available data, the classification criteria are not met.

### **Information on the likely routes of exposure**

No other relevant information available

### **Symptoms related to the physical, chemical and toxicological characteristics**

No other relevant information available

### **Delayed and immediate effects and also chronic effects from short and long term exposure**

No other relevant information available

### **Numerical measures of toxicity (such as acute toxicity estimates)**

No other relevant information available

### **Interactive effects**

No other relevant information available

### **Where specific chemical data are not available**

No other relevant information available

### **Mixtures**

No other relevant information available

### **Mixture versus ingredient information**

No other relevant information available

### **Other information**

No other relevant information available

## 12 Ecological Information

### **Toxicity**

**Aquatic toxicity:** No other relevant information available.

### **Persistence and degradability**

No other relevant information available.

### **Bioaccumulative potential**

No other relevant information available.

### **Mobility in soil**

No other relevant information available.

### **Further ecological indications: General instructions:**

Dangerous for the aquatic environment - Class 1 (our assessment): slightly hazardous

May not penetrate into groundwater, discharge into the aquatic environment or drainage, indiluted or relatively in large quantities.

### **Other adverse effects**

No other relevant information is available.

## 13 Disposal Considerations

### **Disposal methods**

**Recommendation:** Cannot be deposited with common waste. Do not empty into drains.

### **Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

## 14 Transport Information

**UN Number**

Deductible

**UN Proper Shipping Name**

Deductible

**Transport hazard class(es)**

Deductible

**Packing group, if applicable**

Deductible

**Environmental hazards**

No

**Special precautions for user**

No other relevant information available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No other relevant information available

**15 Regulatory Information****Safety, health and environmental regulations specific for the product in question**

A chemical safety assessment was not carried out

**16 Other Information****Other information**

The data contained in this safety data sheet are based on our current level of knowledge, are not a guarantee of the product properties nor justify any legal consequences.

**· Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonised System of Classification and Labelling of Chemicals*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*Flam. Liq. 2: Flammable liquids, Hazard Category 2*

*Flam. Liq. 3: Flammable liquids, Hazard Category 3*

*Acute Tox. 3: Acute toxicity, Hazard Category 3*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1*

*Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2*

*STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3*

*Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1*