

# SWIMMING POOL CLEANER

## Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 12/19/2017 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : SWIMMING POOL CLEANER  
Product code : A0714  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : A phosphate-free liquid acidic cleaner for badly stained and soiled swimming pool sides and other soiled stone floors

##### 1.2.2. Uses advised against

Not for Marble or Limestone

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

Able Cleaning and Hygiene Supplies  
27-33 Thrextton Rd Industrial Estate  
IP25 6NG  
Watton, Norfolk  
T 08451800640 F 08451800641  
[info@ablecleaningandhygiene.com](mailto:info@ablecleaningandhygiene.com) [www.ablecleaningandhygiene.com](http://www.ablecleaningandhygiene.com)

#### 1.4. Emergency telephone number

Emergency number : 08451800641 (office hours only)

| Country        | Organisation/Company  | Address                           | Emergency number | Comment |
|----------------|---|-----------------------------------|------------------|---------|
| United Kingdom | National Poisons Information Service (Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham | 0344 892 0111    |         |

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Full text of H statements : see section 16

#### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage.

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger

Hazardous ingredients : I-(+)-Lactic acid

Hazard statements (CLP) : H315 - Causes skin irritation

H318 - Causes serious eye damage

Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling  
P280 - Wear protective gloves, protective clothing, eye protection, face protection  
P302+P352 - IF ON SKIN: Wash with plenty of water  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER, a doctor

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P332+P313 - If skin irritation occurs: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse

Detergent Regulation: Labelling of contents  
Contains: Non-ionic surfactants – less than 5%  
Lactic acid

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name   | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|---------|---|
| I-(+)-Lactic acid  | (CAS No) 79-33-4<br>(EC no) 201-196-2<br>(REACH-no) 01-2119474164-39 | >= 10   | Skin Irrit. 2, H315<br>Eye Dam. 1, H318                         |
| (2-methoxymethylethoxy)propanol [DPGME]<br>substance with a Community workplace exposure limit | (CAS No) 34590-94-8<br>(EC no) 252-104-2                             | 10 - 30 | Not classified  |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.  
First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Drink plenty of water. Do not induce vomiting.

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

Symptoms/injuries after skin contact : Irritation.  
Symptoms/injuries after eye contact : Serious damage to eyes.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : The product is not flammable. Use extinguishing agent suitable for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

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### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.  
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| (2-methoxymethylethoxy)propanol [DPGME] (34590-94-8) |                                |   |
|--|--------------------------------|---|
| EU   | Local name                     | (2-Methoxymethylethoxy)-propanol  |
| EU   | IOELV TWA (mg/m <sup>3</sup> ) | 308 mg/m <sup>3</sup>   |
| EU   | IOELV TWA (ppm)                | 50 ppm  |
| EU   | Notes                          | Skin  |
| United Kingdom                                       | Local name                     | (2-methoxymethylethoxy) propanol  |
| United Kingdom                                       | WEL TWA (mg/m <sup>3</sup> )   | 308 mg/m <sup>3</sup>   |
| United Kingdom                                       | WEL TWA (ppm)                  | 50 ppm  |
| United Kingdom                                       | Remark (WEL)                   | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Colour : Colourless.  
Odour : characteristic.  
Odour threshold : No data available  
pH : ≈

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|   |                                    |
|---|------------------------------------|
| pH solution                                 | : ≈ 2 (1% solution)                |
| Relative evaporation rate (butyl acetate=1) | : No data available                |
| Melting point                               | : < 0 °C                           |
| Freezing point                              | : No data available                |
| Boiling point                               | : > 100 °C                         |
| Flash point                                 | : No data available                |
| Auto-ignition temperature                   | : No data available                |
| Decomposition temperature                   | : No data available                |
| Flammability (solid, gas)                   | : Not applicable                   |
| Vapour pressure                             | : No data available                |
| Relative vapour density at 20 °C            | : No data available                |
| Relative density                            | : No data available                |
| Density                                     | : ≈ 1.047 g/ml                     |
| Solubility                                  | : Soluble in water.                |
| Log Pow                                     | : No data available                |
| Viscosity, kinematic                        | : No data available                |
| Viscosity, dynamic                          | : No data available                |
| Explosive properties                        | : Product is not explosive.        |
| Oxidising properties                        | : Oxidising solids Not applicable. |
| Explosive limits                            | : No data available                |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| l-(+)-Lactic acid (79-33-4)               |                          |
|---|--------------------------|
| LD50 oral                                 | 3730 mg/kg bodyweight    |
| LD50 dermal                               | > 2000 mg/kg bodyweight  |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | > 7940 mg/m <sup>3</sup> |

|  |   |
|--|---|
| Skin corrosion/irritation                          | : Causes skin irritation.<br>pH: ≈ 2    |
| Serious eye damage/irritation                      | : Causes serious eye damage.<br>pH: ≈ 2 |
| Respiratory or skin sensitisation                  | : Not classified                        |
| Germ cell mutagenicity                             | : Not classified                        |
| Carcinogenicity                                    | : Not classified                        |
| Reproductive toxicity                              | : Not classified                        |
| Specific target organ toxicity (single exposure)   | : Not classified                        |
| Specific target organ toxicity (repeated exposure) | : Not classified                        |

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Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

| I-(+)-Lactic acid (79-33-4)    |                                    |
|--------------------------------|------------------------------------|
| LC50 fish 1                    | 195 mg/l                           |
| EC50 other aquatic organisms 1 | 130 mg/l EC50 waterflea (48 h)     |
| EC50 other aquatic organisms 2 | > 2800 mg/l IC50 algae (72 h) mg/l |

#### 12.2. Persistence and degradability

| SWIMMING POOL CLEANER         |  |
|-------------------------------|--|
| Persistence and 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. |

#### 12.3. Bioaccumulative potential

| I-(+)-Lactic acid (79-33-4) |      |
|-----------------------------|------|
| Log Pow                     | 0.62 |

#### 12.4. Mobility in soil

No additional information available

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

| SWIMMING POOL CLEANER     |  |
|---------------------------|--|
| Results of PBT assessment | The product does not meet the PBT and vPvB classification criteria |

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable  
UN-No. (ADN) : Not applicable  
UN-No. (RID) : Not applicable

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

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

##### ADR

Transport hazard class(es) (ADR) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not applicable

##### IATA

Transport hazard class(es) (IATA) : Not applicable

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### ADN

Transport hazard class(es) (ADN) : Not applicable

### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

|               |   |
|---------------|---|
| Eye Dam. 1    | Serious eye damage/eye irritation, Category 1 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2         |
| H315          | Causes skin irritation                        |
| H318          | Causes serious eye damage                     |

SDS EU (Reach Annex II) GREEN

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*