



## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Mortalift (511001)  
**Company Name:** Barloworld Plascon South Africa  
**Address:** Private Bag X4010  
 Kenmare  
 1745  
**Telephone:** (011) 951 4500  
**Facsimile:** (011) 955 4081  
**Contact Person:** Dr. B. Cooray

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Class:** Acids  
**EC Classification:** C  
**R Phrases:** R34, 37  
**S Phrases:** S1/2, 26, 38, 45

Hazardous and/or other relevant Components	% (w/w)	CAS No.	E.C. No.
HYDROCHLORIC ACID	30 - 33 %	7647-01-0	017-002-01-X

## SECTION 3. HAZARDS IDENTIFICATION

**SAPMA Health Rating:** 1-SERIOUS – Major injury likely unless prompt action taken and treatment given.  
**Inhalation:** CORROSIVE  
**Skin:** Highly corrosive – causes severe burns.  
**Eyes:** Highly corrosive – irreversible damage possible.  
**Ingestion:** Toxic.

No carcinogenic, mutagenic or genetic effects established.  
 May have medium to long-term environmental effects; contain, collect & remove.



## SECTION 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. Administer oxygen if breathing difficult. In case of discomfort seek medical attention.  
**Skin:** Drench with water. Remove contaminated clothing. Use a skin cleaner/soap and water. Refer to doctor.  
**Eyes:** Rinse with plenty of water and refer immediately to doctor.  
**Ingestion:** Wash mouth with plenty of water. Do NOT induce vomiting. Seek immediate medical attention.

## SECTION 5. FIRE FIGHTING MEASURES

Non-combustible, do direct explosion hazard expected.  
 In case of fire use foam or dry powder. Use fog to cool and control. Do NOT use water jets.  
 Cool containers in case of fire.

## SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect spillage – neutralise with a dilute alkali before flushing to sewer or effluent.  
 Do not allow product to enter storm water drains.

## SECTION 7. HANDLING AND STORAGE

Acidic – corrosive: Keep out of contact with metals and any reactive substances.  
 Store only in original containers  
 Store only in designated areas

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NAME	CAS	OEL (mg/m <sup>3</sup> )	OEL (ppm)	STOEL (mg/m <sup>3</sup> )	STOEL (ppm)
HYDROCHLORIC ACID	7647-01-0	7	5	7	5 RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

**SAPMA Rating:** 1-H-G PPE - Respirator and Impervious clothing  
**Inhalation:** Vapours hazardous – SPECIAL INORGANIC RESPIRATOR REQUIRED.  
**Skin:** AVOID ANY CONTACT - Use impervious gloves, apron and boots.  
**Eyes:** Use face-shield & goggles or full respirator hood. Avoid direct contact.  
**Ingestion:** Observe the rules of hygiene. Wash before eating, drinking or smoking.



## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colourless to slight yellow liquid with sharp, pungent and irritating odour  
**Freezing Point:** < 0 °C  
**Boiling Point:** 11 0 °C (20% solution)  
**Density:** 1.19 (typical)  
**Solubility:** Soluble in water

## SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions; Inert - no reaction with fire-fighting water  
Reacts with most metals and evolves highly flammable hydrogen

## SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established  
LD50 Oral: 900 mg (rabbit) LC50 Inhalation: 3124 mg (rabbit)

## SECTION 12. ECOLOGICAL INFORMATION

May have medium to long-term environmental effects; contain, collect & remove.

## SECTION 13. DISPOSAL INFORMATION

Highly hazardous / corrosive – Consult responsible waste disposal contractors for disposal  
Destroy used containers.

## SECTION 14. TRANSPORT INFORMATION

**SIN/UN Number:** 1789  
**Shipping Name:** HYDROCHLORIC ACID SOLUTION  
**Packaging Group:** II  
**Class:** 8



## SECTION 15. REGULATORY INFORMATION

**Classification:** C - Corrosive  
R34 Causes burns  
R37 Irritating to the respiratory system  
S1/2 Keep locked up and out of reach of children (Retail sales items)  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S38 In case of insufficient ventilation, wear suitable respiratory equipment  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

## SECTION 16. OTHER INFORMATION

In case of any discomfort always seek medical advice. All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.