

Safety Data Sheet



Collingham Newark Nottinghamshire NG23 7LA
Tel: 01636 892410 Fax: 01636 894824
e-mail: info@walkerelectronics.co.uk www.walkerelectronics.co.uk

WELzyme and WELzyme Plus⁺

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Product name WELzyme ® and WELzyme Plus⁺ ®

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

Identified uses Cleaning agent

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

Supplier Walker Electronics Ltd
Collingham
Newark
Nottinghamshire, NG23 7LA
info@walkerelectronics.co.uk www.walkerelectronics.co.uk

1.4. Emergency telephone number:

+44 (0) 1636892410 in office hours, out of hours +44 (0) 7890498288

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

Classification under CLP EUH208
Most important adverse effects Contains enzyme preparation, 1,2-benzisothiazolin-3-one, 2-octyl-2h-isothiazol-3-one
May produce an allergic reaction.

2.2. Label elements:

Label elements No pictogram required
Hazard statements EUH208: Contains enzyme preparation,
1,2-benzisothiazolin-3-one, 2-octyl-2h-isothiazol-3-one. May produce an allergic reaction.

2.3. Other hazards:

Other hazards In use, may form flammable / explosive vapour-air mixture.
PBT This product is not identified as a PBT/vPvB substance.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures:

Hazardous ingredients

PROPAN-2-OL	CAS	PBT/WEL	CLP Classification	Percent
EINECS 200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319;	1-10%
		STOT SE 3: H336		

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

General information

CAUTION! First aid personnel must be aware of own risk during rescue!
Contact physician if discomfort continues.

Inhalation

Remove from exposure site to fresh air, keep at rest, and obtain medical attention

Ingestion

Immediately rinse out mouth with water. Get medical attention if any discomfort continues.

Skin contact

Remove contaminated clothes and rinse skin thoroughly with soap and water.

Eye contact

Get medical attention if irritation persists after washing.

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention promptly if symptoms occur after washing.

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

Inhalation	No symptoms.
Ingestion	There may be irritation of the throat.
Skin contact	There may be mild irritation at the site of contact.
Eye contact	There may be irritation and redness.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture:
Exposure hazards. In combustion emits toxic fumes

5.3. Advice for firefighters: Protective equipment for fire fighters.
Self-contained breathing apparatus and full protective clothing must be worn in case of insufficient ventilation and to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Avoid discharge into drains, watercourses or onto the ground. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up:

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections:

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as described in Section 8 of this safety data sheet. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Avoid the formation or spread of mists in the air. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities:

Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Must be kept in original packaging.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.
Use in accordance with good manufacturing and industrial hygiene practices.
From the data on storage duration in this safety data sheet no agreed statement regarding the warrantee of application properties can be deduced.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

Hazardous ingredients

PROPAN-2-OL

Workplace exposure limits:

	8 hour TWA	15min. STEL	Respirable dust	8 hour TWA	15min. STEL
State					
UK	999 mg/m3	1250 mg/m3	-	-	-

DNEL/PNEC – No data available

8.2. Exposure controls:

Engineering measures	The floor of the storage room must be impermeable to prevent the escape of liquids
Respiratory equipment	Respiratory protection not required.
Hand protection	Protective gloves.
Eye protection	Safety glasses.
Skin protection	Protective clothing.
Environmental	No special requirements.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

State	Liquid
Colour	Blue
Odour	Characteristic

9.2. Other information: Not available. Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water. Stable under recommended transport or storage conditions
10.2. Chemical stability:	Stable under normal temperature conditions and recommended use.
10.3. Possibility of hazardous reactions:	Not expected under normal conditions of use and normal transport or storage.
10.4. Conditions to avoid:	Avoid extreme heat.
10.5. Incompatible materials:	Materials To Avoid. Strong acids, alkalis or oxidizing agents.
10.6. Hazardous decomposition products:	In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Hazardous ingredients

PROPAN-2-OL

IVN	RAT	LD50	1088 mg/kg
ORL	MUS	LD50	3600 mg/kg
ORL	RAT	LD50	5045 mg/kg
SCU	MUS	LDLO	6 mg/kg

Symptoms/routes of exposure

Inhalation	No symptoms.
Ingestion	There may be irritation of the throat.
Skin contact	There may be mild irritation at the site of contact.
Eye contact	There may be irritation and redness.

Delayed/Immediate effects Immediate effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity: Not available

12.2. Persistence and degradability Not biodegradable.

12.3. Bio accumulative potential: No data available on bioaccumulation.

12.4. Mobility in soil: The product is soluble in water, readily absorbed into soil.

12.5. Results of PBT and vPvB assessment: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

SECTION 13: DISPOSAL CONSIDERATIONS

General information Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1. Waste treatment methods

Disposal operations	Transfer to a suitable container and arrange for collection by specialised disposal company.
Recovery operations	Not applicable.
Disposal of packaging	Dispose of as normal industrial waste.
NB	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number: Not applicable

14.2. UN proper shipping name: Not applicable

14.3. Transport hazard class(es): Not applicable

14.4. Packing group: Not applicable

14.5. Environmental hazards:

Environmentally Hazardous Substance/Marine Pollutant	Not environmentally hazardous for transport. No
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14.6. Special precautions for user: Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable

SECTION 15: REGULATORY INFORMATION

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

Specific regulations	None Additional Not applicable
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15.2. Chemical Safety Assessment:

No chemical safety assessment has been carried out for the substance or the mixture by the supplier.

SECTION 16: OTHER INFORMATION

Issued By	Brian J Everitt, Walker Electronics Ltd
Revision Date	24/04/2018
Revision	4

Other information This safety data sheet is prepared in accordance with Commission Regulation (EU) No453/2010.

Class and category of danger: This material does not meet the criteria for classification under Regulation (EC) No 1272/2008.

Phrases used in s.2 and s.3
EUH208: Contains Substilin. May produce an allergic reaction.
H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. It does not comprise technical or performance specification for this product. The above information is based on the present state of our knowledge at the time of publication and is intended solely as a general guide to the health, safety and environmental implications of this product for handling and disposal during general use. It does not replace the users own assessment of suitability for their purposes and of workplace risk as required by Health and Safety legislation. It is given in good faith and no warranty is implied with respect to the quality or specification of the product. Walker Electronics Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. The user must satisfy themselves that the product is entirely suitable for their purpose. Due to the diverse applications for this product, Walker Electronics Ltd cannot accept liability for damage of any nature, resulting from the use of this product.