



SAFETY DATA SHEET

ENZYME CLEANER 07345

Page: 1

Compilation date: 07/11/2019

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ENZYME CLEANER 07345

Product code: BL0586

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

Use of substance / mixture: Cleaner: For Profesional/ Industrial User only

1.3. Details of the supplier of the safety data sheet

Company name: Quill International Chemicals Limited

Castle Lane

Melbourne

Derbyshire

DE73 8JB

United Kingdom

Tel: +44 (0) 1332 864664

Fax: +44 (0) 1332 863292

Email: sds@quillinternational.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 1332 864664

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; -: EUH210

Most important adverse effects: Causes serious eye irritation. Safety data sheet available on request.

2.2. Label elements

Label elements:

Hazard statements: H319: Causes serious eye irritation.

EUH210: Safety data sheet available on request.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

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SAFETY DATA SHEET

ENZYME CLEANER 07345

Page: 2

Precautionary statements: P281: Use personal protective equipment as required.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

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

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

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove contaminated clothing. Remove contamination with soap and water or recognised skin cleansing agent. Seek medical attention if irritation or discomfort occurs.

Eye contact: Rinse immediately with plenty of water. Do not allow affected person to rub their eyes. If contact lenses are worn, these should be carefully removed. If itchiness, soreness continues, consult medical advice.

Ingestion: Do not induce vomiting. Wash out mouth with water.

Inhalation: No special treatment required. Seek medical attention if any discomfort continues.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: This Product is stable under normal conditions (storage and use). The products

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SAFETY DATA SHEET

ENZYME CLEANER 07345

Page: 3

contains flammable ingredients. Use POLYVALENT Powder extinguishers (ABC Powder). DO NOT use tap water to fight the fire

5.2. Special hazards arising from the substance or mixture

Exposure hazards: As a result of combustion or thermal decomposition, reactive sub products are created that can become highly toxic and consequently can present a serious health risk

5.3. Advice for fire-fighters

Advice for fire-fighters: Depending on the magnitude of the fire, it may be necessary to use full protective clothing and self contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,..) in accordance with Directive 89/654/EC

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Safely isolate leaks. Wear correct Personal Protective Equipment and evacuate the area. Prevent the formation of any vapour- air flammables mixtures through adequate ventilation or the use of an inert medium. Destroy any sources of ignition

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. It is recommended to have absorbent material available at close proximity to the product

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Storage
Temperatures: Minimum= 0 Degrees Celsius
Maximum= 25 Degrees Celsius Maximum Storage
Time: 24 months Avoid sources of heat, radiation, static electricity and contact with food

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SAFETY DATA SHEET

ENZYME CLEANER 07345

Page: 4

7.3. Specific end use(s)

Specific end use(s): Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding CE marking in accordance with Directive 89/686/EC

Respiratory protection: The use of protective equipment will be necessary if a mist forms or if occupational exposure limits are exceeded

Hand protection: Protective gloves. Replace gloves immediately if they are damaged. If gloves are damaged during use, remove immediately and wash hands before replacing with new gloves. If prolonged contact with undiluted product during manufacture is likely; wear suitable gloves recommended for use with surfactants.

Eye protection: Eye protection is to be used when there is risk of splashing. Ensure eye bath is to hand.

Skin protection: The usual requirements are to be adhered to when handling Chemicals Protective clothing. Replace any item of Protective Clothing before there is evidence of deterioration

Environmental: In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellow

Odour: Citric

Boiling point/range°C: 99

Flash point°C: 65

pH: 6-8

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

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SAFETY DATA SHEET

ENZYME CLEANER 07345

Page: 5

10.1. Reactivity

Reactivity: Hazardous reactions are NOT expected when the product is stored under recommended storage conditions

10.2. Chemical stability

Chemical stability: Chemically stable under suggested handling, storage and useage conditions

10.3. Possibility of hazardous reactions

Hazardous reactions: Not expected under normal conditions of use

10.4. Conditions to avoid

Conditions to avoid: Increase in Temperature Avoid direct impact with combustive materials Avoid alkalis or strong bases Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Depending on the decomposition conditions, complex mixtures of chemicals substances can be released: Carbon Dioxide, Carbon Monoxide and other organic compounds

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	gm/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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SAFETY DATA SHEET

ENZYME CLEANER 07345

Page: 6

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Propan-2-ol 86% Biodegradeable, 100mg/L, 14 days

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential: Low

12.4. Mobility in soil

Mobility: Propan-2-ol readily absorbed in the soil

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

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SAFETY DATA SHEET

ENZYME CLEANER 07345

Page: 7

Phrases used in s.2 and s.3: EUH210: Safety data sheet available on request.

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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.