



SAFETY DATA SHEET

Easy Bio 3 in 1 LLD

Date of Issue:
10-02-2020
Date of Revision:
30-07-2025

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

1.1 Product identifier

Product Name Easy Bio 3 in 1 LLD
Product code 02015435
UFI code YGFM-PTK0-8QK7-CA0N

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

Identified Use(s) Liquid laundry detergent.
Uses Advised Against Use only as stated on the label.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Easy Cleaning Solutions
Address of Manufacturer Brunel Way
Thetford
Norfolk
UK

Postal code IP24 1HF
Telephone: +44 (0)1842 757575
Fax Not known.
E-mail contact@easycleaningco.com
Office hours

Supplier
Company Identification Easy Cleaning Solutions
Address of Supplier Brunel Way
Thetford
Norfolk
UK

Postal code IP24 1HF
Telephone: +44 (0)1842 757575
Fax Not known.
E-mail contact@easycleaningco.com
Office hours

1.4 Emergency telephone number

Emergency Phone No. +44 (0)1842 757575 (Available Monday–Friday, 9:00 am–5:00 pm GMT/BST; UK office hours only)
Contact contact@easycleaningco.com
National response centre, NHS Direct +44 111 (24 hours/ 7 days)
NPIC (IE) +353 01 809 2166 (8.00 am – 10:00 pm / 7 days) Public Poisons Information Line
NPIC (IE) +353 01 809 2566 (24 hours) doctors and healthcare professionals only

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Skin Sens. 1A :May cause an allergic skin reaction.
Eye Irrit. 2 :Causes serious eye irritation.

2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)
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Hazard Pictogram(s)



GHS07



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Signal Word(s)	Warning
Hazard Statement(s)	H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. 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. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P337+P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

Detergents Info: <5% Anionic surfactants <5% Non-ionic Surfactants. <5% Phosphates <5% Phosphonates. Also contains: benzisothiazolinone, methylisothiazolinone, 2-bromo-2- nitropropane-1,3-diol, perfume, optical brightener, enzyme.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	68891-38-3	500-234-8	1-5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05 GHS07
Alcohols, C12-15, ethoxylated	68131-39-5	500-195-7	1-5	Acute Tox. 4 H302 Eye Dam. 1 H318 Aquatic Chronic 3 H412	GHS05 GHS07
subtilisin	9014-01-1	232-752-2	<1	Skin Irrit. 2 H315 Eye Dam. 1 H318 Resp. Sens. 1 H334 STOT SE 3 H335	GHS05 GHS08 GHS07
tetrapotassium pyrophosphate	7320-34-5	230-785-7	1-5	Eye Irrit. 2 H319	GHS07
bronopol (INN)2-bromo-2-nitropropane-1,3-diol	52-51-7	200-143-0	<0.01	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H335 Aquatic Acute 1 H400	GHS05 GHS07 GHS09
2-methylisothiazol-3(2H)-one	2682-20-4	220-239-6	<0.01	Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS07 GHS09
1,2-benzisothiazol-3(2H)-one1,2-benzisothiazolin-3-one	2634-33-5	220-120-9	<0.01	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1A H317 Eye Dam. 1 H318 Acute Tox. 2 H330 Aquatic Acute 1 H400	GHS06 GHS05 GHS07 GHS09



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				Aquatic Chronic 1 H410	
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HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit		M-factor	ATE
Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	68891-38-3	Skin Irrit. 2	C>= 5.00 <= 10.00		
		Eye Dam. 1	C>= 10.00 <= 100.00		
Alcohols, C12-15, ethoxylated	68131-39-5				Acute Tox. 4 (H302) : 500
bronopol (INN)2-bromo-2-nitropropane-1,3-diol	52-51-7			Aquatic Acute 1: 10	Acute Tox. 4 (H302) : 500 Acute Tox. 4 (H312) : 1100
2-methylisothiazol-3(2H)-one	2682-20-4	Skin Sens. 1A	C>= 0.0015 <= 100.00	Aquatic Acute 1: 10	Acute Tox. 3 (H301) : 100 Acute Tox. 3 (H311) : 300 Acute Tox. 2 (H330) : 0.5
1,2-benzisothiazol-3(2H)-one1,2-benzisothiazolin-3-one	2634-33-5	Skin Sens. 1A	C>= 0.036 <= 100.00		Acute Tox. 4 (H302) : 450 (21st ATP) Acute Tox. 2 (H330) : 0.21 Dust (21st ATP)

Contains no non-classified vPvB substances.
Contains no non-classified substances with a Union workplace exposure limit.
For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation Treat symptomatically.
Skin Contact Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).
Eye Contact 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.
Ingestion Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. May cause an allergic skin reaction. Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.
Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures



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Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

This material and its container must be disposed of in a safe way.

6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands after working with the substance.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Liquid Toilet Cleaner

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Subtilisins	9014-01-1		4.0E-5			Sen, (j)

Region
United Kingdom

Source
UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark
Sen
(j)

Notes
Capable of causing occupational asthma.
1395-21-7 (Bacillus subtilis BPN) 9014-01-1 (Bacillus subtilis Carlsberg)

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment

Eye Protection

Wear eye protection with side protection (EN ISO 16321-1).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.





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Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. 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	Purple.
Odour	Not known.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	=9.
Viscosity	350-700 cP @20 °C
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	1.04 – 1.07 g/ml
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Product information

Acute toxicity - Ingestion

Calculation method : Not classified.

Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 2437.82

Acute toxicity - Skin Contact

Calculation method : Not classified.



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Acute toxicity - Inhalation
Skin corrosion/irritation
Serious eye damage/irritation
Skin sensitization data
Respiratory sensitization data
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
Lactation
STOT - single exposure
STOT - repeated exposure
Aspiration hazard

Calculation method : Not classified.
Calculation method : Not classified.
Calculation method: Causes serious eye irritation.
Calculation method: May cause an allergic skin reaction.
Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : Not classified.
Not classified
Calculation method : Not classified.
Calculation method : Not classified.
Calculation method : Not classified.

Component information

Substance information where relevant and available are listed below:

Acute toxicity estimates

Product/ingredient name	Oral LD50	Dermal LD50	Inhalation LC50
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	> 2000 mg/kg bw (OECD 401)	> 2000 mg/kg bw (OECD 402)	-
68131-39-5 Alcohols, C12-15, ethoxylated	> 300 – ≤ 2000 mg/kg	> 2000 – ≤ 5000 mg/kg	> 1.6 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation and serious eye damage/irritation

Product/ingredient name	Result	Remarks	Species	Methods
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Irritant		Rabbit	OECD 404
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Non-irritant	Acute eye irritation/corrosion study	Rabbit	OECD 405
68131-39-5 Alcohols, C12-15, ethoxylated	-	Causes serious eye damage.	-	-

Sensitisation

Product/ingredient name	Result	Remarks	Species	Methods
2682-20-4 2-methylisothiazol-3(2H)-one	Sensitising	-	Mouse	OECD 429

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION



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12.1 Toxicity

This product is not classed as hazardous to the aquatic environment (CLP summation method). We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

Toxicity - Aquatic invertebrates

Not known.

Toxicity - Fish

Not known.

Toxicity - Algae

Not known.

Toxicity - Sediment Compartment

Not classified.

Toxicity - Terrestrial Compartment

Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID 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

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation

Not listed

REACH: ANNEX XIV list of substances subject to authorisation

Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use

Not listed



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of certain dangerous substances, mixtures
and articles

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the Not listed

European Parliament and of the Council on
persistent organic pollutants

Regulation (EC) N° 2024/590 on substances Not listed
that deplete the ozone layer

Regulation (EU) N° 649/2012 of the Not listed

European Parliament and of the Council
concerning the export and import of
hazardous chemicals

Seveso Directive None known.

National regulations

Other Not known.

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS07

GHS05: GHS: Corrosion

GHS06: GHS: Skull and crossbones

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Acute Tox. 3 : Acute toxicity, Category 3

Acute Tox. 4 : Acute toxicity, Category 4

Acute Tox. 3 : Acute toxicity, Category 3

Acute Tox. 4 : Acute toxicity, Category 4

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

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

Skin Sens. 1A : Skin sensitization, Category 1A

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

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

Acute Tox. 2 : Acute toxicity, Category 2

Resp. Sens. 1 : Respiratory sensitization, Category 1

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H311: Toxic in contact with skin.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.



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H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H330: Fatal if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
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.
P321: Specific treatment (see Medical Advice on this label).
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS Training Advice Disclaimers

Regulation (EC) No. 1272/2008 (CLP)

Regular safety training as appropriate
Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Easy Cleaning Solutions gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Easy Cleaning Solutions accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.