



## SAFETY DATA SHEET

### Zybox BLAST Concentrate EcoDose

According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

##### 1.1. Product identifier

**Product name** Zybox BLAST Concentrate EcoDose

**Product code** ZBC-01D

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

**Identified uses** PC35: Washing and cleaning products.

**Uses advised against** Use only for intended applications.

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

**Supplier** BioBax Ltd  
Technology Park,  
Standback Way,  
Skelmanthorpe,  
West Yorkshire  
HD8 9GA  
UK  
Telephone Number: +44 (0) 1484 868970  
Email: safety@biobax.co.uk

**Manufacturer** Same as supplier

##### 1.4. Emergency telephone number

**Emergency telephone** BioBax Ltd: +44 (0) 1484 868 970 (office hours only)

**National emergency telephone number** 999 / 112

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335

**Environmental hazards** Not Classified

**Human health** The product is considered to be a low hazard under normal conditions of use.

##### 2.2. Label elements



**Hazard pictograms**

**Signal word** Danger

<b>Hazard statements</b>	EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.
<b>Precautionary statements</b>	P261 Avoid breathing vapour/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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/ doctor.
<b>Contains</b>	N,N-Dimethyl 9-decenamide, 2-AMINOETHANOL
<b>Detergent labelling</b>	5 - < 15% non-ionic surfactants, < 5% cationic surfactants, Contains 1,2-BENZISOTHIAZOL- 3(2H)-ONE
<b>Supplementary precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P312 Call a POISON CENTRE/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	CAS	Classification	%
N,N-Dimethyl 9-decenamide	1356964-77-6	Acute Tox. 4 - H302 ; Skin Irrit. 2 - H315; Eye Irrit. 2 - H319 STOT; SE 3 - H335 Aquatic Chronic 3 - H412	5-10%
2-AMINOETHANOL	141-43-5	Acute Tox. 4 - H302; Acute Tox. 4 - H312; Acute Tox. 4 - H332; Skin Corr. 1B - H314; Eye Dam. 1 - H318 STOT; SE 3 - H335	1-5%
Ethoxylated Alcohol		Eye Irrit. 2 - H319	1-5%
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	Eye Irrit. 2 - H319	1-5%
Polyalkyl Ammonium Salt		Acute Tox. 4 - H302 ; Skin Irrit. 2 - H315; Eye Irrit. 2 - H319 Aquatic Chronic 2 - H411	1-5%
Ethanediol	107-21-1	Acute Tox. 4 - H302; STOT RE 2 - H373	<1%
1,2-BENZISOTHIAZOL-3(2H)-ONE	2634-33-5	Skin Irrit. 2 - H315; Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400; Aquatic Chronic 2 - H411	<1%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Give plenty of water to drink. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Skin contact</b>	Rinse cautiously with water for several minutes. Remove contaminated clothing.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

<b>Inhalation</b>	Coughing, chest tightness, feeling of chest pressure. Irritation.
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<b>Ingestion</b>	Gastrointestinal symptoms, including upset stomach.
<b>Skin contact</b>	Allergic rash. Irritation. Redness.
<b>Eye contact</b>	Causes burns. Visual disturbances, including blurred vision. Redness. Pain.

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

**Notes for the doctor** Treat symptomatically

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry.

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

**Hazardous combustion products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### **5.3. Advice for firefighters**

**Protective actions during firefighting** No specific requirements are anticipated under normal conditions of use.

### **SECTION 6: Accidental release measures**

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

**Personal precautions** Avoid contact with skin, eyes and clothing. Wear protective clothing as described in Section 8 of this safety data sheet. Take care as floors and other surfaces may become slippery.

#### **6.2. Environmental precautions**

**Environmental precautions** Not regarded as dangerous for the environment.

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

**Methods for cleaning up** Small Spillages: <5 L Following dilution, discharge to the sewer with plenty of water may be permitted. Large Spillages: Absorb spillage with inert, damp, non-combustible material. Dispose of this material and its container to hazardous or special waste collection point.

#### **6.4. Reference to other sections**

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

**Usage precautions** Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented.

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

**Storage precautions** Keep only in the original container in a cool, well-ventilated place.

#### **7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: Exposure controls/Personal protection**

#### **8.1. Control parameters**

**Occupational exposure limits**

**2-AMINOETHANOL**Long-term exposure limit (8-hour TWA): WEL 1 ppm 2.5 mg/m<sup>3</sup>Short-term exposure limit (15-minute): WEL 3 ppm 7.6 mg/m<sup>3</sup> Sk**2-(2-BUTOXYETHOXY)ETHANOL**Long-term exposure limit (8-hour TWA): WEL 10 ppm 67,5 mg/m<sup>3</sup>Short-term exposure limit (15-minute): WEL 15 ppm 101,2 mg/m<sup>3</sup>**ETHANEDIOL**Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m<sup>3</sup> vapourShort-term exposure limit (15-minute): WEL 40 ppm 104 mg/m<sup>3</sup> vapour SkLong-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

**8.2. Exposure controls****Protective equipment****Eye/face protection**

Wear eye protection.

**Hand protection**

Gloves made from the following material may provide suitable chemical protection: Nitrile rubber.

**Hygiene measures**

Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

Clear liquid.

**Colour**

Colourless

**Odour**

Characteristic odour

**pH**

11 - 12

**Relative density**

~ 1.0 @ 20°C

**9.2. Other information****Other information**

None

**SECTION 10: Stability and reactivity****10.1. Reactivity****Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability****Stability**

Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions****Possibility of hazardous reactions**

Under normal conditions of storage and use, no hazardous reactions will occur.

**10.4. Conditions to avoid****Conditions to avoid**

No specific requirements are anticipated under normal conditions of use.

**10.5. Incompatible materials****Materials to avoid**

Acids. Oxidising agents.

**10.6. Hazardous decomposition products****Hazardous decomposition products**

Does not decompose when used and stored as recommended.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity - oral**

ATE oral (mg/kg) 5,263.16

**Acute toxicity - dermal**

ATE dermal (mg/kg) 24,444.44

**Acute toxicity - inhalation**

ATE inhalation (gases ppm) 100,000.0

ATE inhalation (vapours mg/l) 244.44

ATE inhalation (dusts/mists mg/l) 33.33

**Inhalation** May cause respiratory irritation.**Ingestion** May cause discomfort if swallowed.**Skin contact** Causes skin irritation. May cause sensitisation or allergic reactions in sensitive individuals.**Eye contact** Causes serious eye damage.**SECTION 12: Ecological information****12.1. Toxicity****Toxicity** Not classified for environmental hazards.**12.2. Persistence and degradability****Persistence and degradability** No data available.**12.3. Bioaccumulative potential****Bioaccumulative potential** No data available on bioaccumulation.**12.4. Mobility in soil****Mobility** Mobile.**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.**12.6. Other adverse effects****Other adverse effects** Not known.**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal methods** Following dilution, discharge to the sewer with plenty of water may be permitted. Reuse or recycle products wherever possible.**SECTION 14: Transport information****General** The product is not covered by international regulations 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**

No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code****Transport in bulk according to** Not applicable.**Annex II of MARPOL 73/78  
and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations** The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).  
Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005  
Workplace exposure limits.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

**Hazard statements in full** H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage. H315 Causes skin irritation.  
H317 May cause an allergic skin reaction. H318 Causes serious eye damage.  
H319 Causes serious eye irritation. H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

**Revision date** 23/03/2022**Revision** 1.0**Supersedes date****SDS number** SDSZBCD

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.