



SAFETY DATA SHEET

Revision date: 26/01/2011

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

1.1 Product identifier:

EBA

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

EBA Environmental Bacteria Additive
Concentration in use: 0.25 To 1 % in water

1.3 Details of the supplier of the safety data sheet:

SGI Industries Ltd
4 Prime Buildings, Daux Road, Billingshurst
West Sussex, RH14 9SJ- UK
Tel:+44 (0)845 2601990 - Fax:+44 (0)845 2601995
E-mail:info@sgiindustries.com - Website:www.sgiindustries.com

1.4 Emergency telephone number:

Local: 070.245.245
Worldwide: XX32.70.245.245

2 Hazards identification:

2.1 Classification of the substance or mixture:

None
/

2.2 Label elements:

Symbols:

None

R-Phrases

/ none

Safety phrases

/ none
Contains (subtilisin) May produce an allergic reaction.

Contains:

/

2.3 Other hazards:

This is a harmless preparation. Normally no risks are to be expected, minor discomfort may occur.

3 Composition/information on ingredients:

Fattyalcohol C12 -14, ethoxylated	2,5 - 10 %	CAS N° EINECS Registration no. CLP Classification R-Phrases	69011-36-5 Acute Tox. 4 H302 - Eye Dam. 1 H318 22 - 41
subtilisin	0,0 - 0,1 %	CAS N° EINECS Registration no. CLP Classification R-Phrases	9014-01-1 232-752-2 STOT SE 3 H335 - Skin Irrit. 2 H315 - Eye Dam. 1 H318 - Resp. Sens. 1 H334 42 - 36/38

For the full text of the H & R phrases mentioned in this section, see section 16.

4 First aid measures:

4.1 Description of first aid measures:

Always ask medical advice as soon as possible should serious or continuous disturbances occur

- Skin contact** : rinse with water
Eye contact : rinse first with plenty of water, if necessary seek medical attention
Ingestion : rinse first with plenty of water, if necessary seek medical attention
Inhalation : in case of serious or continuous discomforts: remove to fresh air and seek medical attention

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

- Skin contact** : none
Eye contact : redness
Ingestion : diarrhoea, headache, abdominal cramps, sleepiness, vomiting

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

none

5 Fire-fighting measures:

5.1 Extinguishing media :

none

5.2 Special hazards arising from the substance or mixture:

none

5.3 Advice for fire-fighters:

Extinguishing agents to be avoided:none

6 Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:

no eating, drinking or smoking during work, keep in a sealed container, out of reach of children

6.2 Environmental precautions:

none

6.3 Methods and material for containment and cleaning up:

dilute with water

6.4 Reference to other sections:

7 Handling and storage:

7.1 Precautions for safe handling:

handle with care to avoid spillage

7.2 Conditions for safe storage, including any incompatibilities:

keep in a sealed container in a closed, frost-free, ventilated room Packing materials to be avoided: none

7.3 Specific end use(s):

EBA Environmental Bacteria Additive

8 Exposure controls/personal protection:

8.1 Control parameters:

Follows a list of the hazardous elements mentioned sub 3. of which the TLV value is known:

subtilisin 0,00006 mg/m³,

8.2 Exposure controls:

Inhalation protection	: none
Skin protection	: none
Eye protection	: none
Other protection	: none

9 Physical and chemical properties:

9.1. Information on basic physical and chemical properties:

Melting point/melting range, °C	: 0
Boiling point/Boiling range, °C	: 100
pH	: 7,2
pH 1% diluted in water	: /
Vapour pressure/20°C,Pa	: 2332
Vapour density, %	: n/a
Relative density/20°C	: 1,006
Appearance/20°C	: liquid
Flash point, °C	: /
Flammability (solid, gas)	: n/a
Auto-ignition temperature, °C	: /
Upper flammability or explosive limit, Vol %	: n/a
Lower flammability or explosive limit, Vol %	: n/a
Explosive properties	: n/a
Oxidising properties	: n/a
Decomposition temperature, °C	: n.d.a.
Solubility in water	: completely soluble
Partition coefficient: n-octanol/water, %	: n/a
Odour	: characteristic
Odour threshold	: n/a
Dynamic viscosity, mPa.s/20°C	: 1
Kinematic viscosity, mm ² /s/20°C	: 1

Evaporation rate (n-BuAc = 1) : 0,3

9.2 Other information:

Volatile organic component (VOC), : 0
%

Volatile organic component (VOC), : 0
g/l

10 Stability and reactivity:

10.1 Reactivity:

keep in a sealed container in a closed, frost-free, ventilated room

10.2 Chemical stability:

none known

10.3 Possibility of hazardous reactions:

none known

10.4 Conditions to avoid:

handle with care to avoid spillage

10.5 Incompatible materials:

none

10.6 Hazardous decomposition products:

none known

11 Toxicological information:

11.1 Information on toxicological effects:

About the substance itself : not applicable under actual EEC guidelines for preparations
General information : see ingredients under section 3
Calculated acute toxicity, LD50 oral : 4627
rat, mg/kg

12. Ecological information:

12.1 Toxicity:

not applicable under actual EEC guidelines for preparations

12.2 Persistence and degradability:

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential:

not applicable under actual EEC guidelines for preparations

12.4 Mobility in soil:

Water hazard class, WGK: 2

12.5 Results of PBT and vPvB assessment:

not applicable under actual EEC guidelines for preparations

12.6 Other adverse effects:

not applicable under actual EEC guidelines for preparations

13 Disposal considerations:

13.1 Waste treatment methods:

The product may be discharged in the indicated percentages of utilization, provided it is neutralised to pH 7.

Possible restrictive regulations by local authority should always be adhered to.

14 Transport information:

14.1 UN number:

/

14.2 UN proper shipping name:

ADR, IMDG, ICAO/IATA not applicable, /, /

14.3 Transport hazard class(es):

class(es):

Identification number of the hazard: /

14.4 Packing group:

/

14.5 Environmental hazards:

Not dangerous to the environment

14.6 Special precautions for user:

15 Regulatory information:

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

Water hazard class, WGK : 2

Volatile organic component (VOC), : 0
%

Volatile organic component (VOC), : 0
g/l

15.2 Chemical Safety Assessment:

n.d.a.

16. Other information:

Legend to abbreviations used in the safety data sheet:

n.d.a.	: No data available
n/a	: not applicable
Nr	: number
CAS	: Chemical Abstracts Service
EINECS	: European INventory of Existing Commercial chemical Substances
WGK	: Water hazard class
WGK 1	: slightly hazardous for water
WGK 2	: hazardous for water
WGK 3	: extremely hazardous for water
ADR	: Accord européen relatif au transport international des marchandises Dangereuses par Route
TLV	: Threshold Limit Value
PTB	: persistent, toxic, bioaccumulative
vPvB	: very persistent and very bioaccumulative substances
CLP	: Classification , Labelling and Packaging of chemicals

Legend to the R & H Phrases used in the safety data sheet:

R22 Harmful if swallowed. R36 Irritating to eyes. R38 Irritating to skin. R41 Risk of serious damage to eyes. R42 May cause sensitisation by inhalation.

H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.

Composition by regulation (EC) 648/2004:

Nonionic surfactants 5 < 15% , Enzymes , Preservatives (Chloromethylisothiazolinone, Methylisothiazolinone) , Perfumes

Reason of revision, changes of following items: 2, 14, 16

MSDS reference number:

ECM-5499,1

This safety information sheet has been compiled in accordance with annex II/A of the regulation (EU) No 453/2010. Classification has been calculated in accordance with the European directive 67/548/EWG, 1999/45/EC and regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care.. We cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned.. To use this preparation for an experiment or a new application, the user must carry out a material suitability and safety study himself.