

# **SAFETY DATA SHEET - DISHWASHER RINSE AID**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## **1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

### **1.1 Product identifier**

Product Name	Dishwasher Rinse Aid	
Trade name	AP256	
CAS No.		n/a
EINECS No.		n/a

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

Identified use(s)	In automatic dishwashing machines
-------------------	-----------------------------------

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

Company Identification	Bio Productions Ltd
Company Address	72 Victoria Road, Burgess Hill, RH15 9LH, United Kingdom
Telephone	0044 (0) 1444 244000
Fax	0044 (0) 1444 244999
E-Mail (competent person)	technical@bio-productions.com

### **1.4 Emergency telephone number**

Emergency Phone No.	0044 (0) 1444 244000 (office hours only)
---------------------	--

## **2 HAZARDS IDENTIFICATION**

<b>2.1 Classification of the substance or mixture</b>	NOT CLASSIFIED AS HAZARDOUS
---	-----------------------------

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

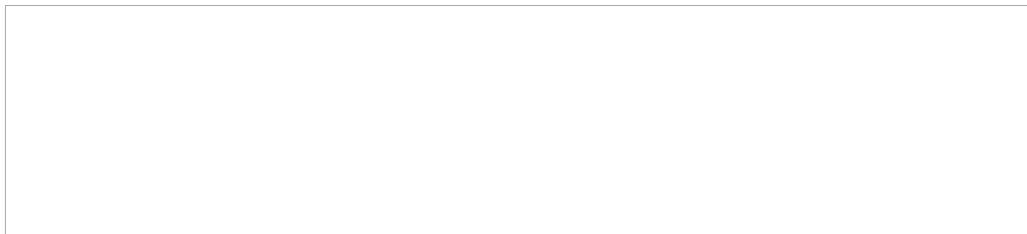
2.1	Directive 67/548/EEC & Directive 1999/45/EC
-----	---

### **2.2 Label elements**

#### **2.2.1 Label elements**

GHS Product Identifier

Hazard pictogram(s) Reach



Signal word(s) Reach

Hazard statement(s)

Precautionary statement(s)

# SAFETY DATA SHEET - DISHWASHER RINSE AID

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES
Phosphoric Acid	231-633-2	7664-38-2	<5	C	R34
Citric acid	201-069-1	77-92-9	<5	Xi	R36
Alanine, N-coco alkyl derivs	271-795-1	68608-68-4	<5	Xi	R36
Non ionic surfactant blend	n/a	n/a	<5	Xi	R41
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures (Symptoms)

Inhalation

Skin Contact

Eye Contact

Ingestion

Additional Information

Mist may cause irritation to the respiratory tract

May cause irritation

May cause mild irritation

May cause irritation to the mouth, throat and digestive tract

Symptomatic treatment.



### 4.2 Description of first aid measures (Actions)

Inhalation

Skin Contact

Eye Contact

Ingestion:

Additional Information

If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.

Immediately remove all contaminated clothing. Wash skin with soap and water. In severe cases obtain medical help.

In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists

Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell.

Always launder contaminated clothing before re-use

## 5 FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing Media

Product not flammable

Water spray, foam, sand, dry powder, or CO2

### 5.2 Special hazards arising from the

Substance or mixture

Exposure hazards

In combustion emits toxic fumes.

### 5.3 Advice for fire-fighters

Special protective

equipment for fire fighters

Full protective equipment including self-contained respiratory protection

# **SAFETY DATA SHEET - DISHWASHER RINSE AID**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

# SAFETY DATA SHEET - DISHWASHER RINSE AID

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up** Small spills can be handled with a mop and water. Large spills should be contained with sawdust and disposed of under local authority regulations
- 6.4 Reference to other sections**
- 6.5 Additional Information**

## 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid eye contact and prolonged skin contact
- 7.2 Conditions for safe storage, including any incompatibilities** Keep in original containers
- 7.3 Suitable packagings**
- 7.3 Specific end use(s)** Keep tightly closed when not in use  
Do not store below 5°C or above 30°C  
Store away from sparks, naked flames or sources of ignition

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min Stel

### 8.2 Exposure Controls

Engineering measures

Respiratory Protection

Not necessary under normal usage

Hand Protection

Wear protective gloves (Butyl rubber or Polyvinyl chloride)

Eye Protection

Wear safety goggles

Skin Protection

Wear suitable protective overalls

# **SAFETY DATA SHEET - DISHWASHER RINSE AID**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on the basic physical and chemical properties**

Form:	Liquid
Odour:	Faint
Colour:	Blue
Viscosity:	Not Applicable
pH (Value):	2-2.5 approx
Density (g/ml):	1.022 approx
Boiling Point:	>100 degrees celcius
Flash Point:	Not Applicable
Melting Point:	<0 degrees celcius
Pour Point (Deg C):	<0 degrees celcius
Auto Ignition Temp.	Not Applicable
Vapour Pressures:	Not Applicable
Solubility (water):	Soluble
Solubility (other):	Not Applicable
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidising Props.	Not Applicable

### **9.2 Other information**

## **10 STABILITY AND REACTIVITY**

### **10.1 Reactivity**

### **10.2 Chemical Stability**

Stable under normal conditions

### **10.3 Possibility of hazardous reactions**

### **10.4 Conditions to avoid**

Extremes of temperature

### **10.5 Incompatible materials**

Strong oxidising/reducing agents

### **10.6 Hazardous decomposition products**

Burning produces Oxides of Carbon

# SAFETY DATA SHEET - DISHWASHER RINSE AID

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Toxicity values

Route	Species	Test	Value	Units

#### Relevant effects for mixture

Effect	Route	Basis

### 11.2 Symptoms / Routes of exposure

Skin contact	May cause slight/mild irritation to sensitive skin with prolonged contact.
Eye Contact	May cause mild irritation.
Ingestion	May cause irritation to the mouth, throat and digestive tract. May also cause nausea.
Inhalation	Mist may irritate the respiratory system

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Eco Toxicity values

Species	Test	Value	Units

### 12.2 Persistence and degradability

The surfactant(s) used in this preparation comply(ies) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

Readily absorbed into soil

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other Adverse Effects

Negligible ecotoxicity.

# **SAFETY DATA SHEET - DISHWASHER RINSE AID**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## **13 DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

**NB: The users attention is drawn to the possible existence of regional or national regulations regarding disposal**

## **14 TRANSPORT INFORMATION**

**14.1 UN Number** Not regulated for transport

**14.2 UN Proper shipping name**

**14.3 Transport hazard class(es)**

<b>ARD/RID</b>	:	<b>Class</b>
<b>IMDG</b>	:	<b>Proper shipping name</b>
<b>IATA</b>	:	<b>Proper shipping name</b>

**14.4 Packing Group**

**14.5 Environmental hazards**

Environmental hazardous

Marine pollutant

**14.6 Special precautions for user**

## **15 REGULATORY INFORMATION**

**this preparation was classified in compliance with the following directions and regulations**

**15.1 Hazardous Ingredients**

**Hazard symbol**

**EEC classification**

**other provisions**

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

# SAFETY DATA SHEET - DISHWASHER RINSE AID

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

## 15 REGULATORY INFORMATION (continued)

Risk phrases

Safety phrases

S2 Keep out of the reach of children,

S24/25 Avoid contact with skin and eyes

S46 If swallowed, seek medical advice immediately and show this container or label

### 15.2 chemical safety assesment

## 16 OTHER INFORMATION

### 16.1 Phrases used in Sections 2 and 3

Risk Phrases

R34 Causes burns

R36 Irritating to eyes.

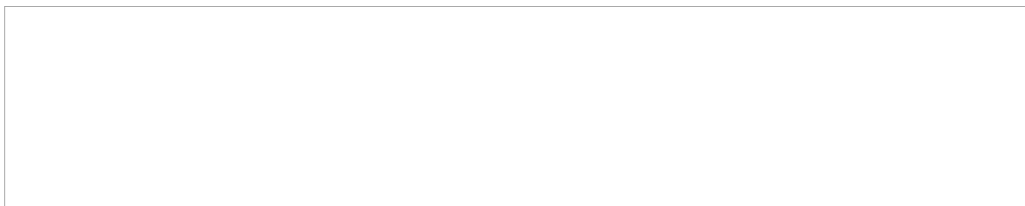
R41 Risk of serious damage to eyes

Safety Phrases

### 16.2 Other Information

#### CLP label elements

Hazard pictogram(s) CLP



Signal word(s) CLP

#### 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 is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations

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