



# Jangro SAFETY DATA SHEET

## MACHINE DISHWASH POWDER

According to Regulations (EC) no 1907/2006

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

#### 1.1 Product Identifier

Product Name Machine Dishwash Powder  
Product No. BB090-10  
Synonyms, Trade Names Dishwash Powder  
Identified Uses Alkaline Chlorine based Powdered detergent for Dish and Glass washing machines  
Uses advised against Cut Glass and aluminium items

#### 1.2 Details of the supplier of the Safety Data Sheet

**UK: Jangro Limited**  
**Parklands 1A**  
**3<sup>rd</sup> Floor**  
**Lostock**  
**Bolton, UK**  
**BL6 4SD**  
**Tel: 01204 795 955**  
**Fax: 01204 579 499**  
**enquiries@jangrohq.net**

**Europe: Jangro (Europe) Ltd**  
**6-9 Trinity Street**  
**Dublin 2**  
**D02 EY47**  
**Ireland**  
**Tel: 01 617 7911**

#### 1.3 Emergency Telephone Number

Tel: 01270 502891 (UK transport emergencies only)

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification (EC 1272/2008) H315/H319 EUH031 H412

#### 2.2 Label Elements

## Labels in Accordance with (EC) No 1272/2008

### Signal Word Warning



### Hazard Statements

H315 / H319 Causes skin irritation/causes serious eye irritation

EUH 031 Contact with acids liberates toxic gas

H302 Harmful if swallowed

H412 Harmful to aquatic life with long lasting effects

### Precautionary Statements

P262 Do not get in eyes, on skin, or on clothing

P305 / P351 / P338 If in eyes rinse cautiously with water for several minutes  
remove contact lenses, if present and easy to do. Continue rinsing

P102 Keep out of reach of children.

P301 / P330 / P331 If swallowed rinse mouth do not induce vomiting

P232 Protect from moisture

### 2.3 Other Hazards

Not Classified as PBT/vPvB by current EU Criteria

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

<u>Cas No</u>	<u>EINECS no</u>	<u>Materials</u>	<u>Hazard</u>	<u>Range</u>
6834-92-0	229-912-9	Disodium Metasilicate	H314 / H335	5-10%
7601-54-9	231-509-8	Trisodium Orthophosphate	H315 / H 319	25-30 %
497-19-8	207-838-8	Sodium Carbonate	H319	30-60%
51580-86-0	220-767-7	Sodium Dichloroisocyanurate Dihydrate	H315 / H319 H335	1-3%

## SECTION 4: FIRST AID MEASURES

#### **4.1 Description of the first aid measures**

**Inhalation-** Remove exposed person from source of exposure to fresh air at once. Seek medical advice if effects persist

**Ingestion-** Remove Product from mouth, give the casualty a small quantity of water to drink and seek medical advice. **Do not induce vomiting**

#### **Skin contact**

Skin irritation. Prolonged skin contact may cause redness and irritation

**Eye Contact-** Rinse immediately with plenty of water, holding eyelids open Continue to rinse for at least 15 minutes. Get medical advice if effects persist.

### **SECTION 5: FIREFIGHTING MEASURES**

Substance does not itself represent a fire hazard. In the event of a fire from other causes the product is compatible with:

Water, Carbon Dioxide (CO<sub>2</sub>) extinguisher, foam extinguisher, Dry Powder Extinguisher. May evolve toxic fumes if involved in a fire. Fire fighters should wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Prevent eye and skin contact. Wear suitable gloves and eye protection.

**Disposal Consideration:** sweep up and dispose of safely as solid waste. Hose down area with plenty of water. Do not allow to enter drains/sewers/ water courses. Dispose of in accordance with local authority regulations

### **SECTION 7: HANDLING AND STORAGE**

**Handling:** Avoid contacts with eyes and skin. Prevent the formation of dust

**Storage:** Store in original container. Avoid extremes of temperature. Do not mix with any other chemicals

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Hands:** Use rubber or chemical resistant gloves. BS EN 374

**Eyes:** Personal protection is not normally required unless a risk assessment indicates the need for it

**Skin:** Personal protection is not normally required unless a risk assessment indicates the need for it

**Respiration:** Personal protection is not normally required unless a risk assessment indicates the need for it

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	granular powder
Colour	White
Odour	Faint Chlorine
Solubility	Soluble in water
Initial boiling point	N/A
Melting point	N/A
Relative density	0-9
pH-Value 1% solution	10-11
Flash point	N/A

#### SECTION 10: STABILITY AND REACTIVITY

Keep away from acids. Exothermic reaction with acid. Contact with acids liberates chlorine. Hazardous decomposition product may include chlorine. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

#### SECTION 11: TOXICOLOGICAL INFORMATION

<b>Ingestion:</b>	Irritant
<b>Skin contact:</b>	Irritant
<b>Eye contact:</b>	Irritant
<b>Inhalation:</b>	Irritant

#### SECTION 12: ECOLOGICAL INFORMATION

Ingredients according to EC 648/2004

More than 30%: Phosphate

Less than 5% Chlorine based bleaching agent

The bleaching agents used in this product break down rapidly in the environment into harmless substances

When used for its intended purpose this product should not cause an adverse effect in the environment

#### SECTION 13: DISPOSAL CONSIDERATIONS

This product is not classified as hazardous waste under the special waste (amendment) regulations (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out container at least twice in water and recycle if facilities exist or dispose of as commercial waste. European waste catalogue: 20 01 29

#### SECTION 14: TRANSPORT INFORMATION

**EEC Regulations:** Not regulated

**IMDG/UN:** Not regulated

**ADR/RID:** Not regulated

**ICAO/IATA:** Not regulated

#### SECTION 15: REGULATORY INFORMATION

Hazard Symbol: Xi, IRRITANT

Risk phrases:	EUH031	Contact with acids liberates toxic gas
	H315/319	Irritating to eyes and skin
	H412	Harmful to aquatic organisms, may cause long-term effects in the aquatic environment
Safety Phrases:	P403	Keep container in well-ventilated place
	P404	Store in a closed container
	P305/351/338	IF IN EYES: rinse cautiously with water for Several minutes. Remove contact lenses, if Present and easy to do. Continue rinsing

P308/P313	If exposed or concerned Get medical advice.
P102	Keep out of reach of children
P264	Wash thoroughly after handling
P281	Wear suitable gloves
P273	Avoid release to the environment. Refer to special Instructions/safety data sheet.

## SECTION 16: OTHER INFORMATION

Handle and apply only as recommended, for full information see product label. This information is intended to describe the product in terms of health and safety and environmental requirements for the purpose of safe handling. This information does not comprise a performance or technical specification. Users are responsible for safe working. See regulations 6 of control of substances hazardous to health regulations.

Text of risk phrases associated with ingredients listed in section 2

<b>H302</b>	Harmful if swallowed
<b>EUH031</b>	Contact with acid liberates toxic gas
<b>H314</b>	Causes Burns
<b>H319</b>	Irritating to eyes
<b>H319/332</b>	Irritating to eyes and respiratory system
<b>H319/312</b>	Irritating to eyes and skin
<b>H412</b>	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment