



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL

Tel. 0845 458 5223

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO DISHWASH POWDER

Supplier: Jangro Limited, as above

### 2 INFORMATION ON INGREDIENTS

CAS no	EINECS no	Material	Hazard	Range
6834-92-0	229-912-9	Disodium metasilicate	R34	5-15%
7601-54-9	231-509-8	Trisodium orthophosphate	R36/38	15-30%
497-19-8	207-838-8	Sodium carbonate	R36	30-50%
51580-86-0	220-767-7	Sodium dichloroisocyanurate dehydrate	R22, 31, 36/37, 50/53	1-5%

### 3 HAZARDS IDENTIFICATION

Irritant- irritating to eyes and skin. Contact with acids liberates toxic gas. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4 FIRST AID MEASURES

Eyes: Rinse immediately with plenty of water, holding the eyelids open and seek medical advice if effects persist.  
 Skin: Wash thoroughly, remove contaminated clothing and wash before re-use.  
 Ingestion: Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting.  
 Inhalation: Remove from source of exposure. Seek medical advice if effects persist.

### 5 FIRE FIGHTING MEASURES

Substance does not in itself represent a fire hazard. In the event of a fire from other causes the product is compatible with: Water, Carbon Dioxide (CO2) 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.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Prevent eye and skin contact. Wear suitable gloves and eye/face protection.

**Disposal considerations:** 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.

**7 HANDLING AND STORAGE**

Handling: Avoid eye and skin contact. Prevent the formation of dust.  
Storage: Store in original containers. Avoid extremes of temperature. Do not mix with any other chemicals.

**8 PERSONAL PROTECTION/EXPOSURE CONTROLS**

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.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/ Colour: White granular powder.  
Odour: Chlorine  
Solubility Description: Water soluble  
pH (1% Solution): 10.5-11.5

**10 STABILITY AND REACTIVITY**

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

**11 TOXICOLOGICAL INFORMATION****HEALTH HAZARD**

Inhalation: Irritant  
Skin Contact: Irritant  
Eye Contact: Irritant  
Ingestion: Irritant

**12 ECOLOGICAL INFORMATION**

Ingredients according to EC 648/2004  
More than 30%: Phosphates  
Less than 5%: Chlorine based bleaching agents  
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.

**13 DISPOSAL CONSIDERATIONS**

Disposal Method: This product is classified as hazardous waste under the special waste (amendment) regulations (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out containers at least twice with water and recycle if facilities exist or dispose of as commercial waste. European waste catalogue: 20 01 29/

**14 TRANSPORT INFORMATION**

EEC Regulation: Not regulated  
IMDG/UN: Not regulated  
ADR/RID: Not regulated  
ICAO/IATA: Not regulated

**15 REGULATORY INFORMATION**

Symbol:	Xi Irritant	
Risk Phrases:	R-36/38 R31 R52/53	Irritating to eyes and skin. Contact with acids liberates toxic gas Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Phrases:	S-26 S9 S-37 S61	In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Keep container in a well-ventilated place Wear suitable rubber gloves. Avoid release to the environment. Refer to special instructions/safety data sheet.

**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 regulation 6 of control of substances hazard to health regulations.

Text of risk phrases associated with ingredients listed in section 2.

R22	Harmful if swallowed
R31	Contact with acids liberates toxic gas.
R34	Causes burns
R36	Irritating to eyes
R36/37	Irritating to eyes and respiratory system.
R36/38	Irritating to eyes and skin
R50/53	Very toxic to aquatic organisms, may cause adverse long-term effects in the aquatic environment.



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## DISHWASH POWDER

### Description

A white free flowing, low foaming powder for use in all commercial dishwashers.

### How to use

Initial dose – Hard Water:	Add to wash tank at the rate of 30 grams per 5 litres.
Initial dose – Soft water:	Add to wash tank at the rate of 15 grams per 5 litres.
Top Up Dose:	For machines which use fresh wash water each cycle, repeat initial dose for each wash. For machines which retain wash water, repeat initial dose every five washes.

### Typical Product Data

Appearance/ Colour:	White granular powder.
Odour:	Chlorine
Solubility Description:	Water soluble
pH (1% Solution):	10.5-11.5

### Storage

Store in original sealed container and protect from extremes of temperature.