



Jangro Limited
James House
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JANGRO BB105-10

Revision April 2012

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SANITISING POWDER

Supplier: Jangro Limited, as above

2 INFORMATION ON INGREDIENTS

CAS no	EINECS no	Material	Hazard	Range
56802-99-4	234-307-8	Chlorinated trisodium phosphate	R31, 36/38	>50%

3 HAZARDS IDENTIFICATION

Irritant- Irritating to eyes and skin. Contact with acids liberates toxic gas.

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: Small spillages may be washed to drain with plenty of water. 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: Pink fine powder.
Odour: None
Solubility: 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 products 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

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-31 Contact with acids liberates toxic gas (chlorine)
R-36/38 Irritating to eyes and skin

Safety Phrases: S8 Keep container dry.
S-26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S-37 Wear suitable rubber gloves.

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.

R31 Contact with acids liberates toxic gas

R36/38 Irritating to eyes and skin.



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SANITISING POWDER

Description

Jangro Sanitising Powder is a modern, low foam, mildly alkaline cleaner which when dissolved in water liberates available chlorine from an organic source. The product contains additives to stabilise the available chlorine in solution. Jangro Sanitising Powder will destroy all types of bacteria and other organisms such as yeasts and mould.

Where to use

The product has many applications in brewing, dairy, meat processing, ice cream and food processing industries as a general purpose detergent sanitiser. Jangro Sanitising Powder is used by hospitals, hotels, restaurants etc as a cutlery and crockery sanitiser. Jangro Sanitising Powder's low foam properties make the product ideal for use in circulating cleaning systems.

Safe on most surfaces except aluminium.

How to use

For general cleaning of work surfaces such as table tops, cutting boards, sinks etc Jangro Sanitising Powder can be simply shaken over the surface followed by wiping down the surface with a clean damp cloth. Alternatively a solution of Jangro Sanitising Powder at between 1-2oz per gallon ie approximately 0.5%-1.0% solution can be applied by soaking, spraying, mopping or brushing over the items to be cleaned. Leave for 5 minutes to lift soils and then rinse with clean water. Cutlery, crockery, utensils etc can be cleaned and sanitised by immersion in a warm 0.5%-1.0% solution of Jangro Sanitising Powder, then rinsed in clean water. For circulation cleaning systems Jangro Sanitising Powder is an effective sanitiser and cleaner at concentrations as low as 0.25%-0.5%.

Product Information

Appearance/ Colour: Pink fine powder.
Odour: None
Solubility: Water soluble
pH (1% Solution): 10.5-11.5

MICROBIOLOGICAL ACTIVITY

Chlorine at 50 parts per million from diluted product in hard water

Test organism	Percentage kill rate	Test organism	Percentage kill rate
Staphylococcus Aureas	99.999%	Salmonella Typhi	99.997%
Escherictia Coli	99.998%	Pseudomonus Aeruginosa	99.999%