



Jangro Limited
Jangro House
Worsley Road
Farnworth
Bolton
BL4 9LU

Tel. 0845 458 5223

PRODUCT SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

1.1 Product identifier

Product Name: Jangro-KITCHEN CLEANER SNITISER ODOURLESS
Internal Id: BB010-5

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

Identified uses Quaternary Ammonium based Sanitiser and Disinfectant, for the Food Industry.

1.3 Details of the supplier of the safety data sheet

Supplier: Jangro Limited
Jangro House
Worsley Road
Farnworth
Bolton, UK
BL4 9LU
Tel; 0845 458 5223
Fax; 01204 576 801
Enquiries@jangrohq.net

1.4 Emergency telephone number

Emergency Contact and Times:
01772 318 818 Between: 8.30am and 4.45pm Mon-Fri

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (1999/45/EEC) Xi; R36/38

2.2 Label elements



Irritant

Risk Phrases

R36/38 Irritating to eyes and skin

Safety Phrases

S2 Keep out of the reach of children
S24/25 Avoid Contact with Eyes, rinse immediately with plenty of water and seek medical advice.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 If swallowed, seek medical advice immediately and show this container or label.

2.3 Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

C12-15 ALCOHOL ETHOXYLATE (7EO)		1-5%
CAS No.: 68131-39-5	EC No.:	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 – H302	Xn;R21/22	
Eye Dam. 1 – H318	Xi;R41	
Aquatic Acute 1 – H400	N;R50	
ALKYL DIMETHYL BENZYL AMONIUM CHLORIDE		1-5%
CAS No.: 68424-85-1	EC No.: 270-325-2	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 – H302	Xn;R21/22	
Acute Tox. 4 – H312	C;R34	
Skin Corr. 1B – H314	N;R50	
Auatic Acute 1 – H400		
N-COCO-1,3-DIAMINOPROPANE		1-5%
CAS No.: 61791-63-7	EC No.: 263-195-3	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 – H302	Xn;R21/22	
Skin Corr. 1A – H314	C;R35	
Auatic Acute 1 – H400	N;R50	

The full text for all R-Phrases and Hazard statements are displayed in section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Not relevant. Inhalation unlikely. In case of inhalation of spray mist: move person into fresh air and keep at rest.
Ingestion	DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.
Skin Contact	Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
Eye Contact	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

General Information	The severity of the symptoms described will vary dependent of the concentration and the length of exposure.
Inhalation	Irritation of nose, throat and airway.
Ingestion	May discomfort if swallowed
Skin contact	Skin irritation. Prolonged skin contact may cause redness and irritation.
Eye contact	May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

Specific hazards When heated and in case of fire, harmful vapours/gases may be formed.

5.3 Advice for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures.**

Avoid contact with skin and eyes.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Small quantities may be flushed to drains with plenty of water. Large spillages pick up with vacuum or absorbent solid, store in closed container for disposal.

6.4 Reference to other sections

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes.

7.2 conditions for safe storage, including any incompatibilities.

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from oxidising material.

7.3 specific end use (s)

The identified uses for this product are detailed in section 1.2

Usage Description; See product information sheet & label for detailed use of this product.

SECTION 8: PERSONAL PROTECTION/EXPOSURE CONTROLS**8.1 Control parameters**

No exposure limits noted for ingredients

WEL = Workplace Exposure Limit

Ingredient comments

STEL= Short term exposure limit (15 minute) & TWA= Time weighted average (8hours)

8.2 Exposure controls

Engineering Measures:	Not relevant.
Respiratory Equipment:	Respiratory protection not required.
Hand Protection:	For prolonged or repeated skin contact use suitable protective gloves. (household rubber gloves)
Eye Protection:	Use eye protection.
Other Protection:	Wear appropriate clothing to prevent any possibility of skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Pale Straw
Odour:	Faint surfactant
Solubility:	Soluble in water
Initial boiling point and boiling range	101
Melting point (°c)	-1
Relative density	1.008 @ 20°c
pH-value, conc. Solution	11.3
Flash point	Boils without flashing

9.2 Other information

None

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

No specific reactivity hazards associated with this product.

10.2 Chemical Stability

No particular stability concerns.

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5 Incompatible materials

Materials to avoid; No incompatible groups noted.

10.6 Hazardous decomposition products

No hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological Information: We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

Other Health Effects Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment.

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2 Persistence and degradability

Degradability: Surfactant is readily broken down by effluent treatment processes.

12.3 Bioaccumulative potential

Bioaccumulative potential: The product does not contain any substances expected to be bioaccumulating.

12.4 Mobility in soil

Mobility: Not known.

12.5 results of PBT and vPvB assessments

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Discharge used solutions to drain. Small amounts (less than 5 litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of Marpol73/78 and the IBC code

SECTION 15: REGULATORY INFORMATION

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

Guidance notes

Workplace Exposure Limits EH40

EU Legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. Ingredients are listed with classification under both CHIP – Directive 67/548/EEC – classification, packaging & labelling of dangerous substances & GHS/CLP – Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical Safety Assessment

Not applicable this product is a mixture.

SECTION 16: OTHER INFORMATION

Information Sources: Material Safety Data Sheet, Misc. manufacturers. CLP Class – Table 3.1 list of harmonised classification and labelling of hazard substances. CHIP Class – Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Revisions comments: New Format Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). – No change in Product Classification – main change is the move of Labelling elements from section 15 to section 2 & section 3 now has a different layout for the ingredients and lists their classification in both CHIP & CLP format.

Revision Date: 01/10/12

Revision: Issue 5

Safety Data Sheet Status: The Risk phrases/ hazard statements listed below in this section No 16 relate to the raw materials (ingredients) in the product (as listed in section 3) and not the product itself. For the risk phrases/ hazard statements relating to this product see section 2.

Risk phrases in full

R34	Causes burns
R35	Causes severe burns
R22	Harmful if swallowed
R21/22	Harmful in contact with skin and if swallowed
R36/38	Irritating to eyes and skin
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms

Hazard Statements in full

H318	Causes serious eye damage
H319	Causes serious eye irritation
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H302	Harmful if swallowed
H312	Harmful in contact with skin
H400	Very toxic to aquatic life



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KITCHEN CLEANER SANITISER ODOURLESS

Description

Unperfumed, multi purpose cleaner and terminal disinfectant. Recommended for use on a variety of surfaces, including worktops, cutting boards, tables, vending machines, refrigerators, kitchen equipment, shelves, floors and walls.

Laboratory tests have proved it will kill gram positive and gram negative bacteria in 60 seconds.

Features and Benefits

- Unperfumed
- Cleans and disinfects in one operation
- Kills bacteria and helps prevent the spread of infection
- Formulated especially for the Food and Catering Industry
- Passes British and European Test Method BS EN 1276:1997
- Available in Ready to Use formulation in 750ml trigger spray bottles
- A Microbiology report is available on request

How to Use

FOOD CONTACT SURFACES:

Dilute 200ml of detergent per 5 litres of hot water.

Dilute 30ml of detergent per 500ml of water in a 750ml spray bottle.

Wipe or spray surface. Rinse with clean water

NON FOOD CONTACT SURFACES:

Dilute 100ml of detergent per 5 litres of hot water.

Mop or wipe surface. Allow to air dry.

Composition

Contains a blend of quaternary ammonium compound, glycol ether, sequestering agent, ethoxylated amine, amphoteric and non-ionic surfactants

Typical Product Data

Appearance:	Liquid
Colour:	Pale Straw
Odour:	Faint surfactant
Solubility:	Soluble in water
Boiling Pt. (°C):	101
Relative Density:	1.008 @ 20 °C
Flash Pt. (°C):	Boils without flashing
Melting Point: (°C):	-1

Storage

Store in original sealed container and protect from extremes of temperature