



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 NEUTRAL CLEANER ORANGE CONCENTRATED
Application: Neutral, Hard Surface Cleaner
Supplier: Jangro Limited, as above
Email: centraloffice@jangrohq.net

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

2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes
CLASSIFICATION (1999/45) Xi;R41

3 INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Classification
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	10-20%	Xn;R22. Xi;R41
Orange Terpenes	232-433-8	8028-48-6	1-5%	Xn;R65. Xi;R38, R10, R52/53
Sodium (C10-16) Alkyl Ethoxy Sulphate		68585-34-2	1-5%	Xi;R36,R38

The full text for all R-phrases are displayed in section 16.

4 FIRST AID MEASURES

Inhalation: Not relevant. Inhalation unlikely
Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of milk or water. Get medical attention.
Skin Contact: Wash skin with soap and water
Eye Contact: Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention immediately. Continue to rinse

5 FIRE FIGHTING MEASURES

Extinguishing Media: This product is not flammable. Use fire extinguishing media appropriate for surrounding materials.
Specific Hazards: When heated and in case of fire, harmful vapours/gases may be formed.
Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear eye/face protection (See Sec 8)
Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to The Environmental Agency or other appropriate regulatory body
Spill Clean up Methods: 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.

7 HANDLING AND STORAGE

Usage Precautions: Wear eye protection
Storage Precautions: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS



Engineering Measures: Not relevant.
 Respiratory Equipment: Respiratory protection not required.
 Hand protection: No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from the skin
 Eye Protection: Use eye protection
 Other protection: None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid.
 Odour: Citrus.
 Solubility: Soluble in water
 Boiling Pt. (°C): 102 760 mm Hg
 Relative Density: 1.000 @ 20 °C
 Flash Pt. (°C): Boils without flashing
 Melting Point: (°C): -2
 pH-Value, Conc. Solution: 8.00
 Colour: Clear Yellow

10 STABILITY AND REACTIVITY

Stability: No particular stability concerns
 Materials to avoid: No incompatible groups noted.

11 TOXICOLOGICAL INFORMATION

Toxicological Information: Refer to section 2
 Other Health Effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Not regarded as dangerous for the environment
 Bio Accumulation: The product does not contain any substances expected to be bioaccumulating.
 Degradability: This product, at use dilutions, is readily broken down in biological effluent treatment plants

13 DISPOSAL CONSIDERATIONS

Disposal Method: 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.

14 TRANSPORT INFORMATION

General: Not classified for transport.

15 REGULATORY INFORMATION

Labelling:



Irritant

Risk Phrases: R41 Risk of serious damage to eyes.
 Safety Phrases: S2 Keep out of the reach of children.
 S39 Wear eye/face protection
 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.

Environmental Listings:	Hazardous Waste (England and Wales) Regulations.
EU Directives:	Systems of specific information relating to Dangerous Preparations. 2001/58/EEC. As amended by Directive 93/112/EC , 2001/58/EC and 2006/8/EC
Statutory Instruments:	The Chemicals (Hazards information and Packaging) Regulations. 2009 (S.I 2009 No.716)
Approved Code of Practice:	The compilation of safety data sheets L130
Guidance Notes:	Workplace exposure limits EH40. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100.

16 OTHER INFORMATION

Information Sources:	Approved Supply List – HSC. (Health and Safety Commission) Material Safety Data Sheet, Misc. manufacturers
Revision comments:	New formulation no change in product classification. (Changes made to section 3 & 16)
Safety data sheet status:	The risk phrases listed below in this Section No 16 relate to the Raw Materials in the product (as listed in Section 3) and NOT the product itself. For the Risk Phrases relating to this product see Sections 2 & 15.
Risk phrases in full:	
R10	Flammable
R22	Harmful if swallowed
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R41	Risk of serious damage to eyes



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NEUTRAL CLEANER ORANGE CONCENTRATED

Description

Multi purpose hard surface cleaner and degreaser with the fresh smell of oranges. It has a neutral pH, making it suitable for use on a variety of surfaces including vinyl, rubber, ceramic, porcelain, vitreous enamel and paintwork.

Features and Benefits

- Quick acting multi purpose cleaner
- Contains an ingredient derived from orange peel
- Removes ingrained dirt, heavy grease and certain types of graffiti
- Leaves a fresh clean smell
- Particularly useful for removing body fat from washrooms

How to Use

LIGHT SOILAGE:	Dilute 50ml per 5 litres of hot water.
GENERAL SOILAGE:	Dilute 100ml per 5 litres of hot water.
HEAVY GREASE:	Dilute 250ml per 5 litres of hot water.
GRAFFITI REMOVAL:	Dilute with an equal quantity of hot water. Apply to surface, leave for a few minutes and wipe clean.

Typical Product Data

Appearance:	Clear Liquid
Odour:	Citrus
Specific Gravity (20°C):	1.00
Colour:	Yellow
pH-undiluted:	8.0
pH-diluted 1:100	7.5
Shelf Life Unopened:	Not less than 3 years

Storage

Store in original sealed container and protect from extremes of temperature

Biodegradability

All surfactants used in Jangro products comply with the European Regulations concerning Biodegradability and protection of the environment.