



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
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Tel. 0845 458 5223

JANGRO BB460-1

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PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Product Name: Enviro F3 Floor Cleaner & Maintainer Concentrate
Supplier: Jangro Limited, as above
Email: enquiries@jangrohq.net
Emergency Contact and Times:
01772 318 818 Between: 8.30am and 4.45pm Mon-Fri

2 HAZARDS IDENTIFICATION

Irritating to eyes.

Classification (1999/45) Xi; R36

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Classification
C8-14 Alcohol Ethoxylate Alkoxylate			5-10%	Xn;R22
Alcohol (C9-C11) Ethoxylate (6EO)		68439-45-2	5-10%	Xn;R22. Xi;R41.
2-Aminoethanol	205-483-3	141-43-5	1-5%	C;R34 Xn;R20/21/22

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

4 FIRST AID MEASURES

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.

Skin Contact: Wash skin with soap and water.

Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

Inhalation: Not relevant. Inhalation unlikely.

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: Avoid contact with eyes.

Environmental Precautions: Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to The Environment Agency or other appropriate regulatory body.

Spillage 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: Avoid contact with skin and eyes.

Storage Precautions: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: oxidising materials.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Name	Std	TWA – 8 hrs		STEL – 15min		Notes
		3 ppm	7.6 mg/m3	6 ppm	15 mg/m3	
2-Aminoethanol	WEL					

WEL = Workplace Exposure Limit

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 skin.
 Eye Protection: Eye protection recommended.
 Other Protection: None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
 Odour: Peach
 Solubility: Soluble in water
 Boiling Pt. (°C): 100
 Relative Density: 1.004 @ 20 °C
 Flash Pt. (°C): Boils without flashing
 Melting Point: (°C): -1
 pH-Value, Conc: 11.05
 Colour: Dark Green

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 substance expected to be bioaccumulating.
 Degradability: Surfactant is readily broken down by effluent treatment process.

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. Consign empty container to normal waste.

14 TRANSPORT INFORMATION

General: Not classified for transport.

15 REGULATORY INFORMATION

Label for Supply:



IRRITANT

Risk Phrases: R36 Irritating to eyes

Safety Phrases: S25 Avoid contact with eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S2 Keep out of reach of children.
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 Preparation. 2001/58/EC
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

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.

R-PHASES (Full Text)

R34 Causes burns.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R22 Harmful if swallowed.
R37 Irritating to respiratory system.
R41 Risk of serious damage to eyes



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ENVIRO F3 FLOOR CLEANER & MAINTAINER CONCENTRATE

Description

Concentrated solution for removing heavy soil and spray cleaning floors.

Features & Benefits

- 1 litre bottles makes up to 100 trigger sprays or 50 x 5 litre buckets
- Concentrated solution reduces the amount of packaging required
- A reduction in the volume of emissions incurred transporting ready to use liquids

How to Use

DAMP MOPPING

Add 2 x 10ml from dosing cap to 5 litres warm water in a bucket.

SPRAY CLEANING

Add 1 x 10ml from dosing cap to 600ml cold water in a trigger spray bottle.

Gently shake to mix.

SCRUBBER DRYER

Add 8 x 10ml to 40 litre water in tank of combination machine or pro-rata dilution rate of 1:500 with water.

Typical Product Data

Appearance:	Clear Liquid
Odour:	Peach
Solubility:	Soluble in water
pH-Value, Conc:	11.05
Colour:	Dark Green

Biodegradability:

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