SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1.	Product identifier	
	Trade name:	Jangro Black Pepper Handwash 5L
	Chemical name:	Preparation
	Product Code:	BK172-5
	Catalogue number:	-
	UFI:	n/a
	Form:	thick liquid
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Uses:	Handwash
	Uses advised against:	No additional information available
	Reason why uses advised against:	No additional information available
1.3.	Details of the supplier of the safety data sheet	
	Supplier:	JANGRO LIMITED
	Address:	UK: Jangro Limited Parklands 1A, 3rd Floor, Lostock, Bolton, UK BL6 4SD Europe: Jangro (Europe) Limited, 6-9 Trinity Street, Dublin 2, Ireland D02 EY47
	Telephone number:	UK: 01204 795 955 Europe: 01 61 77911
	Telefax:	
	e-mail of competent person:	enquiries@jangrohq.net
	National contact:	
1.4.	Emergency telephone number	
	National Protection and Rescue Directorate:	+44 (0)7387018110
	Medical information:	
	Other information:	

SECTION 2. Hazards identification		
2.1.	Classification of the substance or mixture	
2.1.1.	Classification according to Regulation (EC) No 1272/2008 (CLP)	
	Hazard class and category code:	Hazard statement*:
	The product is not classified as hazardous	The product is not classified as hazardous
2.1.2.	Additional information	
	This is a personal care product that is safe for consumers when used according to directions on the label. Ingestion of large quantities may cause nausea, sickness and diarrhoea.	
* For full text of Hazard- and EU Hazard-statements: see SECTION 16		

2.2.	Label elements	
	Product identification:	Handwash
	Identification number:	No information available.
	Authorisation number:	No information available.

	Hazard pictograms:	-
	Signal word:	-
	Hazard statement:	-
	Precautionary statement:	-
	Supplemental hazard information (EU):	
2.3.	Other hazards	
	No data	

SECTION 3. Composition/information on ingredients

CAS/ EC/ Index number	REACH Registration No	Weight % content (or range)	Identification name	Classification according to Regulation (EC) No 1272/2008 (CLP)
68891-38-3/500-234-8	-	6.50 – 7.50	Sodium Laureth Sulfate	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412
-	-	1.60 – 1.90	Cocamidopropyl Betaine	Eye Irrit. 2; H319
-	-	0.40 – 0.60	Parfum	Skin Irrit, cat. 2 Sensitization - Skin Category 1 Eye Irrit. Cat.2 Hazardous to the Aquatic Environment - Long-term Hazard Cat. 3 H315, H317, H319, H412
532-32-1/208-534-8	01-2119460683-35-0002	0.45 – 0.55	Sodium Benzoate	Eye Irrit. 2; H319
5949-29-1/201-069-1	01-2119457026-42-0022	0.20 – 0.30	Citric Acid	Eye Irrit. 2; H319
68155-07-7/ 931-329-6	-	0.15 – 0.25	Cocamide DEA	Skin. Irrit. 2 - H315; Eye. Dam. 1 - H318; H411 Chronic aquatic toxicity
24634-61-5/246-376-1	-	0.18 – 0.22	Potassium Sorbate	Skin irritation 2, H315 Eye Irrit. 2, H319
139-33-3/205-358-3	01-2119486775-20-0000	0.08 – 0.12	Disodium EDTA	Acute Tox. 4 STOT RE (Respiratory system) 2 H332, H373
4065-45-6/ 223-772-2	-	0.009 – 0.011	Benzophenone -4	Eye Irrit. 2: H319; Skin Irrit. 2: H315

SECTION 4. First aid measures		
4.1.	Description of first aid measures	
	General notes:	Avoid contact with eyes.
	Following inhalation:	When symptoms occur go into open air and ventilate suspected area. Respiratory problems: consult a doctor/medical service.
	Following skin contact:	Get medical attention if irritation persists.
	Following eye contact:	Rinse immediately carefully and thoroughly with eyebath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.
	Following ingestion:	Do NOT induce vomiting. Drink plenty of water. If necessary, seek medical attention.
	Self-protection of the first aider:	Follow the instructions on the label or the Safety Data Sheet
4.2.	Most important symptoms and effects, both acute and delayed	
	Following inhalation:	Not applicable.
	Following skin contact:	None.
	Following eye contact:	May cause slight irritation.
	Following ingestion:	Gastrointestinal complaints.
4.3.	Indication of any immediate medical attention and special treatment needed	
	No information available.	

SECTION 5. Fire fighting measures		
5.1.	Extinguishing media	
	Suitable extinguishing media:	Water, Dry powder, Carbon dioxide (CO_2)
	Unsuitable extinguishing media:	No information available.
5.2.	Special hazards arising from the substance or mixture	
	Hazardous combustion products:	No information available.
5.3.	Advice for fire-fighters	
	Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.	
5.4.	Additional information	
	Dispose of waste according to applicable legislation.	

SECTION 6. Accidental release measures

6.1.	Personal precautions, protective equipment and emergency procedures	
6.1.1.	For non-emergency personnel	
	Protective equipment:	Gloves
	Accident prevention methods:	Avoid contact with eyes.
	Emergency procedures:	Rinse with clean water.
6.1.2.	For emergency responders:	
	Protective equipment: Wear suitable gloves.	
6.2.	Environmental precautions:	
	Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.	

6.3.	Methods and material for containment and cleaning up	
6.3.1.	Binding, covering of drains; capping procedures:	Scoop absorbed substance into closing containers.
6.3.2.	Cleaning up:	Small quantities of liquid spill: cover with non-combustible absorbent material and shovel into container for disposal. Large spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.
6.3.3.	Other information:	No additional information available.
6.4.	Reference to other sections	
	Refer to sections 8 and 13.	

SECTION 7. Handling and storage		
7.1.	Precautions for safe handling	
7.1.1.	Protective measures: Do not handle until all safety precautions have been read and understood	
	Measures to prevent fire:	The product is not flammable.
	Measures to prevent aerosol and dust generation:	Use the product in well-ventilated areas.
	Measures to protect the environment:	Store in original container.
	Other measures:	Prevent soil and water pollution.
7.1.2.	Advice on general occupational hygiene:	
	Do not eat, drink or smoke when using this product.	
7.2.	Conditions for safe storage, including any incompatibilities	
	Technical measures and storage conditions:	Store at temperatures above +10°C and below 40°C.
	Packaging materials:	Original container from the manufacturer.
	Requirements for storage rooms and vessels:	Store only in the original container.
	Advices for storage equipment:	Store in a well-ventilated place.

	Further information on storage conditions:	Store in original container.
7.3.	Specific end use(s)	
	Recommendations:	Hand wash
	Industrial sector specific solutions:	Personal care

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Substance	CAS No	Occupational exposure limit values/short term values		Biological limit values
		Ppm	mg/m^3	
-	-	-	-	-

Substance:	-			
EC No:	-	CAS No:	-	-

DNEL

Industrial

Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data
Critical physical parameters: solubility, flammability, corrosion:				

Consumer

Route of exposure:	Acute effect local	Acute effect systemic	Chronic effect local	Chronic effect systemic
Oral	No data	No data	No data	No data
Inhalation	No data	No data	No data	No data
Dermal	No data	No data	No data	No data

PNEC

Environmental protection target	**PNEC**
Fresh water	No data
Freshwater sediments	No data
Marine water	No data
Marine sediments	No data
Food chain	No data
Microorganisms in sewage treatment	No data

Soil (agricultural)	No data
Air	No data

8.2.	Exposure controls	
8.2.1.	Appropriate engineering controls	
	Substance/mixture related measures to prevent exposure during identified uses:	Comply with the instructions for use.
	Structural measures to prevent exposure:	For consumer use, no unusual precautions are necessary.
	Organisational measures to prevent exposure:	Use only in well-ventilated areas.
	Technical measures to prevent exposure:	Keep only in the original container at a temperature above +5°C and below 40°C.

8.2.2.	Personal protection equipment: not necessary for normal conditions of use	
8.2.2.1.	Eye and face protection:	Wear suitable protective eye/face protection.
8.2.2.2.	Skin protection:	Wear suitable protective clothing.
	Hand protection:	Not necessary
	Other skin protection:	Not necessary
8.2.2.3.	Respiratory protection:	Not necessary
8.2.2.4.	Thermal hazards:	Product is not flammable.
8.2.3.	Environmental exposure controls	
	Substance/mixture related measures to prevent exposure:	Keep only in an original container. Avoid releasing to the environment.
	Structural measures to prevent exposure:	Comply with the instructions for use.
	Organisational measures to prevent exposure:	Use only in well-ventilated areas.
	Technical measures to prevent exposure:	Comply with the instructions for use.

SECTION 9. Physical and chemical properties			
9.1.	Information on basic physical and chemical properties		
		Value	Method
	Physical state:	clear viscous liquid	
	Colour:	Pale red	

	Odour:	Pleasant	
	Odour threshold:	not determined	
	pH:	4.5 – 5.5	
	Melting point / freezing point:	not applicable	
	Initial boiling point and boiling range:	not determined	
	Flash point:	not determined	
	Evaporation rate:	not determined	
	Flammability (solid, gas):	not auto-flammable	
	Upper/lower flammability or explosive limits:	not applicable	
	Vapour pressure:	not determined	
	Vapour density:	not determined	
	Relative density:	1.015 - 1.025 @ 20°C	
	Bulk density:	not determined	
	Dry matter:	not determined	
	Solubility(ies)- water:	not determined	
	Partition coefficient: n-octanol/water (log Kow):	not determined	
	Auto-ignition temperature:	not auto-flammable	
	Decomposition temperature:	not determined	
	Viscosity:	5000 - 8.000 mPas	
	Explosive properties:	not explosive	
	Oxidising properties:	mixture is not classified as oxidizing	
9.2.	Other information		

SECTION 10.: Stability and reactivity		
10.1.	Reactivity:	Not expected.
10.2.	Chemical stability:	Stable with proper storage and handling.
10.3.	Possibility of hazardous reactions:	No dangerous reactions known.
10.4.	Conditions to avoid:	Direct sunlight.
10.5.	Incompatible materials:	No data available
10.6.	Hazardous decomposition products:	No data available

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

Route of exposure:	Method	Species	Effective Dose LD_{50}/LC_{50} or $ATE_{mixture}$	Exposure time	Results
Oral:	No data	-	-	-	-
Dermal:	No data	-	-	-	-
Inhalation:	No data	-	-	-	-

Specific target organ toxicity – single exposure (STOT SE):

	Specific effects	Target organ	Note
Oral:	No data	-	-
Dermal:	No data	-	-
Inhalation:	No data	-	-

Aspiration hazard: No data

Irritation and corrosion:

	Exposure time	Species	Evaluation	Method	Note
Skin corrosion/irritation	No data	-	-	-	-
Serious eye damage/irritation	No data	-	-	-	-

Sensitization

Skin sensitization:	No data
Respiratory sensitization:	No data

Symptoms related to the physical, chemical and toxicological characteristics

Oral exposure:	No data
Dermal exposure:	No data
Inhalation exposure:	No data
Eye exposure:	No data

Repeated dose toxicity (subacute, subchronic, chronic)

	Dose	Exposure time	Species	Method	Evaluation	Note

Subacute oral	No data	-	-	-	-	-
Subacute dermal	No data	-	-	-	-	-
Subacute inhalation	No data	-	-	-	-	-
Subchronic oral	No data	-	-	-	-	-
Subchronic dermal	No data	-	-	-	-	-
Subchronic inhalation	No data	-	-	-	-	-
Chronic oral	No data	-	-	-	-	-
Chronic dermal	No data	-	-	-	-	-
Chronic inhalation	No data	-	-	-	-	-

	Specific target organ toxicity – repeated exposure (STOT RE):		
	Specific effects	Target organ	Note
Subacute oral	No data	-	-
Subacute dermal	No data	-	-
Subacute inhalation	No data	-	-
Subchronic oral	No data	-	-
Subchronic dermal	No data	-	-
Subchronic inhalation	No data	-	-
Chronic oral	No data	-	-
Chronic dermal	No data	-	-
Chronic inhalation	No data	-	-

	CMR effects (carcinogenicity; mutagenicity; reproductive toxicity)	
	Carcinogenicity:	No data
	Mutagenicity *in-vitro*:	No data
	Genotoxicity:	No data
	Mutagenicity *in-vivo*:	No data
	Germ cell mutagenicity :	No data
	Reproductive toxicity:	No data
	Summary of evaluation of the CMR properties;	No data
11.2.	Practical experiences:	
	Classification observations:	No data

	Other observations:	No data

11.3.	General notes:
	No data

SECTION 12. Ecological information

12.1. Toxicity

Acute (short-term) toxicity	Dose	Exposure time	Species	Method	Evaluation	Note
Fish:	LC_{50}	96 hours	No data	-	-	-
Crustacea:	EC_{50}	48 hours	No data	-	-	-
Algae/aquatic plants:	IC_{50}	72 hours	No data	-	-	-
Other organisms:			No data	-	-	-
Chronic (long-term) toxicity	**Doza**	**Exposure time**	**Species**	**Method**	**Evaluation**	**Note**
Fish:	LC_{50}	96 hours	No data	-	-	-
Crustacea:	EC_{50}	48 hours	No data	-	-	-
Algae/aquatic plants:	IC_{50}	72 hours	No data	-	-	-
Other organisms:			No data	-	-	-

12.2. Persistence and degradability

Abiotic degradation

	Degradation half-lives	Method	Evaluation	Note
Marine water	No data	-	-	-
Fresh water	No data	-	-	-
Air	No data	-	-	-
Soil	No data	-	-	-

Biodegradation

% Degradation	Time (days)	Method	Evaluation	Note
No data	-	-	-	-

12.3. Bioaccumulative potential

Octanol-water partition coefficient (log Kow)

Value	Concentration	pH	°C	Method	Evaluation	Note
No data	-	-	-	-	-	-

Bioconcentration factor (BCF)

Value	Species	Method	Evaluation	Note
No data	-	-	-	-

Chronic ecotoxicity

Value	Dose	Exposure time	Species	Method	Evaluation	Note
Chronic toxicity on fish	LC_{50}	No data	-	-	-	-
Chronic toxicity on crustacea (Daphnia)	EC_{50}	No data	-	-	-	-

12.4. Mobility in soil

Known or predicted distribution in environmental compartments:

Surface tension:

Value	°C	Concentration	Method	Note
No data	-	-	-	-

Adsorption/desorption

Transport	A/D coefficient Henry's constant	log Know	Evaporation rate	Method	Note
Soil-Water	No data	-	-	-	-
Water-Air	No data	-	-	-	-
Soil-Air	No data	-	-	-	-

12.5. Results of PBT and vPvB assessment

No data

12.6.	Other adverse effects
	No data

SECTION 13. Disposal considerations	
13.1.	Waste treatment methods
Disposal must be performed through an authorised waste management company, in compliance with national and local regulations.	
13.1.1.	Product/Packaging disposal:
	Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.
13.1.2.	Waste codes/waste designations according to Low:
	No data
13.1.3.	Waste treatment – relevant information:
	No data
13.1.4.	Sewage disposal – relevant information:
	Do not discharge into the sewer.
13.1.5.	Other disposal recommendations:
	No
13.1.6.	Relevant Community provisions:
	No data

SECTION 14. Transport information	
	Transporting/shipment by road (ADR)
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
	Transporting/shipment by rail (RID)
UN number:	-

UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by inland waterways (ADN)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transporting/shipment by sea (IMDG)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Packing group:	-
Environmental hazards:	-
Special precautions for user:	-
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:	-
Transporting/shipment by air (ICAO-TI/IATA-DGR)	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es):	-
Environmental hazards:	-
Special precautions for user:	-
Further information:	-

SECTION 15. Regulatory information		
15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	EU regulations	
	Authorisations and/or restrictions on use	
	Authorisations:	No data

	Restrictions:	No data
	Other EU regulations:	CLP, REACH
	Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline)	
	National legislation:	-
15.2.	Chemical safety assessment	
	No	

SECTION 16. Other information		
16.1.	Indication of changes:	Harmonisation with the CLP Regulation
16.2.	Abbreviations and acronyms:	-
16.3.	Key literature references and source of data:	Raw materials MSDS
16.4.	Classification and procedure used to derive the classification for mixture according to Regulation (EC) 1272/2008 (CLP)	
Classification		Classification procedure

16.5.	Relevant H statements (number and full text)		
	H:	315	Causes skin irritation.
	H:	317	May cause an allergic skin reaction.
	H:	318	Causes serious eye damage.
	H:	319	Causes serious eye irritation.
	H:	332	Harmful if inhaled
	H:	373	May cause damage to organs through prolonged or repeated exposure exposure cause the hazard.
	H:	411	Toxic to aquatic life with long lasting effects.
	H:	412	Harmful to aquatic life with long lasting effects.
16.6.	Training advice:		-
16.7.	Further information:		-

ANNEX: Exposure scenario resulting to Chemical safety assessment
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