



SAFETY DATA SHEET

In accordance with REACH Regulation EC No. 1907/2006
as amended by EC 453/2010

Product: **Industrial Hand Wipes**

Version: Version 4

Date: 29/10/2015

Supersedes:

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

1.1 Product identifier Industrial Hand Wipes

Other means of identification EBMH150JAN BK200

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

Uses: A wet wipe with anti-bacterial properties for the quick removal of grease, dirt and grime from hands, tools and equipment..

Not to be used for:

1.3 Details of the supplier of the Safety Data Sheet

Company Name: Jangro Ltd

Address: Jangro Ltd
Jangro House
Worsley Road
Farnworth
Bolton
BL4 9LU

Telephone: 01204 795955

Fax: 01204 579499

E-mail: enquiries@jangrohq.net

Web Site www.jangro.net

1.4 Emergency telephone number

Telephone: National Poisons Information Service (UK) +44 (0)844 8920111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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- EC 1272/2008

Eye Irrit. 2 : H319;

2.2 Label elements



Signal Word

WARNING

Hazard Statement

Eye Irrit. 2: H319 - Causes eye irritation

**Precautionary Statement:
Prevention**

P102 - Keep out of reach of children.

P103 - Read label before use.

**Precautionary Statement:
Response**

P101 - If medical advice is needed, have product container or label at hand.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

This product does not contain any PBT or VPvB substances.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		1 – 10%	F; R11
C9-11 Pareth-8		68439-45-2			1 – 10%	Xn; R22 Xi; R41

EC 1272/2008



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Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethanol	603-002-00-5	64-17-5	200-578-6		1 – 10%	Flam. Liq. 2: H225;
C9-11 Pareth-8		68439-45-2			1 – 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;

3.2 Mixtures See section 3.1 for further information.

Further information For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

Eye contact

Eye contact is unlikely due to liquid impregnated on a fabric substrate. Remove the affected person from the source of contamination immediately. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.

Skin contact

Ingestion

Ingestion is highly unlikely due to liquid impregnated on a fabric substrate. Rinse mouth thoroughly. Seek medical attention if irritation or symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

No specific symptoms noted.

Eye contact

May cause eye irritation.

Skin contact

May cause irritation to the skin.

Ingestion

No specific symptoms noted.

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible). No specific first aid measures noted.



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SECTION 5: FIREFIGHTING MEASURES

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|-----|--|--|
| 5.1 | Extinguishing media | This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions. |
| 5.2 | Special hazards arising from the substance or mixture | In the event of a large fire toxic fumes containing oxides of carbon may be formed, which would necessitate the use of a self-contained breathing apparatus. |
| 5.3 | Advice for firefighters | Standard protective equipment should be worn by fire fighters, in particular eye / face protection. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

- | | | |
|-----|--|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Avoid contact of the impregnated fluid with the eyes. |
| 6.2 | Environmental precautions | Large spillages are highly unlikely due to liquid impregnated on to a fabric. |
| 6.3 | Methods and material for containment and cleaning up | Large spillages are highly unlikely due to liquid impregnated on to a fabric. |
| 6.4 | Reference to other sections | For recommended personal protective equipment see Section 8. For disposal see Section 13. |

SECTION 7: HANDLING AND STORAGE

- | | | |
|-----|---|---|
| 7.1 | Precautions for safe handling | Avoid contact with eyes |
| 7.2 | Conditions for safe storage, including any incompatibilities | Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze. |
| 7.3 | Specific end use | |

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- | | | |
|-------|------------------------------|---|
| 8.1 | Control parameters | The product is impregnated onto a fabric substrate so free liquid will not be available and exposure significantly mitigated. |
| 8.1.1 | Exposure Limit Values | |



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Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: -
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8.2 Exposure controls

8.2.1 **Appropriate engineering Controls** Keep in a cool, dry, well ventilated area.

8.2.2 **Individual protection measures** None

8.2.3 **Environmental exposure controls** Do not empty into drains. Do not flush into surface water.

8.2.3. **Further information** Information valid at the time of review of safety data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|---|
| a Appearance: | White or coloured nonwoven fabric impregnated with a colourless to yellow solution. |
| b Odour: | Characteristic alcoholic odour. |
| c Odour threshold: | Not available. |
| d pH: | 5.3 – 5.7. |
| e Melting point / freezing point: | Not available. |
| f Initial boiling point and boiling range: | Not available. |
| g Flash point: | 57°C. |
| h Evaporation rate: | Not available. |
| i Flammability (solid, gas): | Not applicable. |
| j Upper / lower flammability or explosive limits: | Not available. |
| k Vapour pressure: | Not available. |
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l	Vapour density:	Not available.
m	Relative density:	Not available.
n	Solubility(ies):	Impregnating fluid completely soluble / miscible with water.
o	Partition coefficient: n-octanol / water:	
p	Auto-ignition temperature:	Not available.
q	Decomposition temperature:	Not available.
r	Viscosity:	Water thin.
s	Explosive properties:	Not available.
t	Oxidising properties:	Not available.
9.2	Other information	None available.

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	This preparation is stable under normal conditions of storage / use and no chemical incompatibility is known.
10.2	Chemical Stability	Stable under recommended storage and handling conditions. The product is not flammable. Will not decompose if stored and used as recommended.
10.3	Possibility of hazardous reactions	Strong acids and Strong bases. Strong oxidising agents.
10.4	Conditions to avoid	Avoid heat. Do Not allow to freeze.
10.5	Incompatible materials	Strong acids and Strong bases. Strong oxidising agents.
10.6	Hazardous decomposition products	Combustion of the product will generate toxic fumes containing oxides of carbon may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Based on available data the classification criteria are not met.
Skin corrosion / irritation	Based on available data the classification criteria are not met.



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Serious eye damage / irritation	May cause eye irritation.
Respiratory or skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	Not classified as a specific target organ toxicant after a single exposure.
STOT-repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
Aspiration hazard	Based on available data the classification criteria are not met.

11.1.4 Toxicological Information

Ethanol Oral Rat LD50: 2950 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Based on the ingredients present and their concentrations this preparation is not expected to be hazardous to aquatic organisms.
12.2	Persistence and degradability	The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in the Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
12.3	Bio accumulative potential	No data available.
12.4	Mobility in soil	
12.5	Results of PBT and vPvB assessment	The product does not contain any PBT or vPvB substances.
12.6	Other adverse effects	Not known.

SECTION 13: DISPOSAL CONSIDERATION

13.1 Waste treatment methods



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SECTION 14: TRANSPORT INFORMATION

14.1	UN number	
14.2	UN proper shipping name	
14.3	Transport hazard class(es)	This preparation is not classified as "Hazardous" for transport purposes.
14.4	Packing group	
14.5	Environmental hazards	
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC Code	Not applicable.
	ADR/RID	This product is not classified as dangerous for carriage.
	IMDG	This product is not classified as dangerous for carriage.
	IATA	This product is not classified as dangerous for carriage.

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations / legislation specific for the substance or mixture	Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.
15.2	Chemical safety assessment	No assessment has been carried out.

SECTION 16: OTHER INFORMATION



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**Text of risk phrases in
Section 3**

R11 - Highly flammable.
R22 - Harmful if swallowed.
R41 - Risk of serious damage to eyes.

**Text of Hazard Statements
in
Section 3**

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Acute Tox. 4: H302 - Harmful if swallowed.

Glossary

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
PBT Persistent, bio accumulative, toxic
RID Convention concerning International Carriage by Rail
vPvB very persistent, very bio accumulative
STOT Specific Target Organ Toxicity
WEL Workplace Exposure Limit.

General Information

No relevant information required

Further Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. It is the user's responsibility to satisfy him/herself as to the suitability of such information for his / her own particular use.
