

Safety Data Sheet

JLA ULTRA Biological Liquid Laundry Detergent

JLA

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: JLA ULTRA Biological Liquid Laundry Detergent
 Identified uses: Detergent. Cleaning agent.
 Company name: JLA Limited, Meadowcroft Lane, Ripponden, West Yorkshire HX6 4AJ
 Tel: 01422 822 282 Fax: 01422 824 390 Email: info@jla.com
 Emergency tel: 112

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards: Not Classified
 Health hazards: Eye Dam. 1 - H318
 Environmental hazards: Not Classified
 Classification (67/548/EEC or 1999/45/EC): Xi;R36.

2.2. Label elements

Pictogram



Signal word: Danger
 Hazard statements: H318 Causes serious eye damage.
 Precautionary statements: P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER/doctor.
 Contains: Sodium Dodecyl Benzene Sulphonate, Alcohols, C13-15, branched and linear, ethoxylated
 Detergent labelling: 15 - < 30% phosphates, 5 - < 15% anionic surfactants, < 5% enzymes, < 5% non-ionic surfactants, < 5% optical brighteners, Contains 1,2-BENZOISOTHIAZOL-3(2H)-ONE

2.3. Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

PENTASODIUM TRIPHOSPHATE 15-30%

CAS number: 7758-29-4 EC number:
 REACH registration number: 01-2119430450-54-XXXX
 Classification: Not Classified

Classification

(67/548/EEC or 1999/45/EC): -

Sodium Dodecyl Benzene Sulphonate 5-15%

CAS number: 25155-30-0
 EC number: —
 REACH registration number: 01-2119565112-48-XXXX

Classification: Skin Irrit. 2 - H315
Eye Dam. 1 - H318

Classification
(67/548/EEC or 1999/45/EC): Xn;R22. Xi;R38,R41.
[Alcohols, C13-15, branched and linear, ethoxylated 1-5%](#)
CAS number: 157627-86-6
EC number: -
Classification: Acute Tox. 4 - H302
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

Classification
(67/548/EEC or 1999/45/EC): Xn;R22. Xi;R41. R52/53.
[Sodium Formate 1-5%](#)
CAS number: 141-53-7
EC number: 205-488-0
Classification: Not Classified

Classification
(67/548/EEC or 1999/45/EC): -
[Carbomer <1%](#)
CAS number: 9003-01-4
EC number: —
Classification: Not Classified

Classification
(67/548/EEC or 1999/45/EC): -
[ETHANEDIOL <1%](#)
CAS number: 107-21-1
EC number: 203-473-3
Classification: Acute Tox. 4 - H302

Classification
(67/548/EEC or 1999/45/EC): Xn;R22
[POTASSIUM HYDROXIDE <1%](#)
CAS number: 1310-58-3
EC number: 215-181-3
REACH registration number: 01-2119487136-33-XXXX
Classification: Met. Corr. 1 - H290
Acute Tox. 4 - H302
Skin Corr. 1A - H314
Eye Dam. 1 - H318

Classification
(67/548/EEC or 1999/45/EC): C;R35 Xn;R22

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Non-volatile liquid product.

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.

Skin contact: Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.

Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation:	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion:	May cause stomach pain or vomiting.
Skin contact:	Skin irritation.
Eye contact:	May cause severe eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor:	If in doubt, get medical attention promptly.
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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media:	None known.

5.2. Special hazards arising from the substance or mixture

Specific hazards:	None known.
Hazardous combustion products:	Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting:	If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equip. firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Wear protective clothing as described in Section 8 of this safety data sheet.
For non-emergency personnel:	Prevent further leakage or spillage if safe to do so. Keep away from incompatible products.
For emergency responders:	Avoid discharge into drains or watercourses or onto the ground.

6.2. Environmental precautions

Environmental precautions:	Collect and dispose of spillage as indicated in Section 13.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up:	Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Inform authorities if large amounts are involved.
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6.4. Reference to other sections

Reference to other sections:	Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13. See Section 11 for additional information on health hazards.
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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions:	Avoid spilling. Avoid contact with skin and eyes.
Advice on general occupational hygiene:	When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions:	Keep above the chemical's freezing point to avoid rupturing the container. Keep container tightly closed.
Storage class:	Unspecified storage.

7.3. Specific end use(s)

Specific end use(s):	The identified uses for this product are detailed in Section 1.2.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 104 mg/m³(Sk)

POTASSIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

PENTASODIUM TRIPHOSPHATE (CAS: 7758-29-4)

DNEL	Workers - Dermal; Short term systemic effects: 0.375 mg/kg bw/day
	Workers - Inhalation; Short term systemic effects: 0.661 mg/m ³
	Workers - Dermal; Long term systemic effects: 0.375 mg/kg bw/day
	Workers - Inhalation; Long term systemic effects: 0.661 mg/l
	General population - Dermal; Short term systemic effects: 0.375 mg/kg
	General population - Inhalation; Short term systemic effects: 0.66 mg/kg bw/day
	General population - Oral; Short term systemic effects: 0.75 mg/kg
	General population - Oral; Long term systemic effects: 0.75 mg/kg bw/day
	General population - Inhalation; Long term systemic effects: 0.661 mg/m ³
	General population - Dermal; Long term systemic effects: 0.375 mg/kg bw/day
PNEC	Fresh water; 0.005 mg/l
	Marine water; 0.005 mg/l
	Intermittent release, Fresh water; 0.05 mg/l
	Sediment (Freshwater); 0.19 mg/kg dw
	Soil; 0.14 mg/kg dw

Sodium Dodecyl Benzene Sulphonate (CAS: 25155-30-0)

DNEL	Workers - Dermal; Long term systemic effects: 170 mg/kg bw/day
	Workers - Inhalation; Long term systemic effects: 12 mg/m ³
	Consumer - Dermal; Long term systemic effects: 85 mg/kg bw/day
	Consumer - Inhalation; Long term systemic effects: 3 mg/m ³
	Consumer - Oral; Long term systemic effects: 0.85 mg/kg bw/day
PNEC	Fresh water; 0.268 mg/l
	Marine water; 0.0268 mg/l
	Intermittent release; 0.055 mg/l
	STP; 5.6 mg/l
	Sediment (Freshwater); 8.1 mg/kg dw
	Sediment (Marinewater); 8.1 mg/kg dw
	Soil; 35 mg/kg dw

Distyryl Biphenyl Derivative (CAS: 27344-41-8)

DNEL	Workers - Dermal; Long term systemic effects: 53 mg/kg
	Consumer - Dermal; Long term systemic effects: 19 mg/kg
	Consumer - Oral; Long term systemic effects: 1.9 mg/kg
	Workers - Inhalation; Long term systemic effects: 20.5 mg/m ³
PNEC	Fresh water; 0.0625 mg/l
	Marine water; 0.00625 mg/l
	Intermittent release; 0.1028 mg/l
	STP; 100 mg/l
	Sediment (Freshwater); 198000 mg/kg
	Sediment (Marinewater); 19800 mg/kg
Soil; 1 mg/kg	

8.2. Exposure controls

Protective equipment



Appropriate engineering controls:	No specific ventilation requirements.
Eye/face protection:	The following protection should be worn: Chemical splash goggles.
Hand protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection:	Wear appropriate clothing to prevent skin contact.
Respiratory protection:	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Opaque liquid. Liquid.
Colour:	White.
Odour:	Perfume.
pH:	pH (diluted solution): 7-8 @ 1 %
Melting point:	> 10°C
Initial boiling point and range:	> 100°C @ 760 mm Hg
Relative density:	~ 1.21 @ 20°C
Solubility(ies):	Miscible with water.
Viscosity:	1750-2200 cP @ 20°C

9.2. Other information

Other information:	Not available.
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10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity:	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability:	No particular stability concerns.
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10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid contact w. following materials: Oxidising agents. Reducing agents.

10.5. Incompatible materials

Materials to avoid:	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances:

Oxides of the following substances: Carbon. Sulphur.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg):	21,739.13043478
Inhalation:	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion:	May cause discomfort if swallowed.
Skin contact:	Skin irritation should not occur when used as recommended.
Eye contact:	Risk of serious damage to eyes.
Acute and chronic health hazards:	Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental information currently available for the ingredients of this preparation indicates that it does not contain any ingredients currently classified as Dangerous for the Environment.

12.1. Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability: The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in 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. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility: The product is non-volatile.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

General: Not regulated.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport labels

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant: No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

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

National regulations: Health and Safety at Work etc. Act 1974 (as amended). CHiP The Control of Substances Hazardous to Health Regulations

EU legislation: 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 (as amended).

Water hazard classification: The surfactants contained in this preparation have been classified as biodegradable.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

Revision comments:	Revision is in accordance with Commission Regulation (EC) No 1272/2008
Revision date:	10/02/2015
Revision:	2
Supersedes date:	11/06/2011
SDS number:	7492/11254
Risk phrases in full	R22 Harmful if swallowed. R36 Irritating to eyes. R38 Irritating to skin. R41 Risk of serious damage to eyes. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.

LEGAL DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.