

FABRIC CONDITIONER

FEATURES & APPLICATIONS

Unico Fabric Conditioner is recommended for use along with Unico Automatic Washing Powder. It is suitable for use with industrial laundry machines, household washing machines and for hand washing. It will leave all laundered items soft, supple, free from static cling and with a pleasant, floral fragrance.

CAUTION : Do not pour concentrated product onto fabrics.

APPLICATION DETAILS

Washing Method

Large washing machines
(10kg+ wash load)
Household automatics:
Hand washing:

Instructions

Use 10ml conditioner per kg of dry wash load (100ml per 10kg)
Add 50ml to machine in fabric conditioner tray.
Wash items, rinse with water then add fresh, warm water to sink. Add 30ml fabric conditioner to sink then mix well in and give a final water rinse.

PRODUCT AND PACKAGING INFORMATION

Appearance & Odour: Blue liquid with floral fragrance.

Chemical Description: A concentrated aqueous solution of surfactant, perfume and dye.

Packaging: 2 X 5 litres.

Shelf Life: 2 years.

ENVIRONMENTAL INFORMATION

General Information: This product is expected to have very little ecological impact.

Environmental Checklist:

Biodegradable detergents	Yes	CFC free	Yes	Solvent free	No
Phosphate free	Yes	Acid/alkali free	Yes	Free of dyes/perfumes	No
Recyclable packaging	Yes	Biodegradable container	No	Biodegradable outer box	Yes

FURTHER INFORMATION AVAILABLE ON REQUEST

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Commercial Name Intended/Recommended use	Fabric Conditioner Concentrated Fabric Conditioner	Supplier Address	Unico Ltd North Main Street, Carronshore, Falkirk FK2 8HT 01324 573400 01324 573401
Issue Date Issue Number	Jan 2021 6	Telephone Fax	

2. HAZARDS IDENTIFICATION

2.1 Classification This product is classified under EC 1272/2008

Physical and Chemical Hazards	Not Classified
Human Health	May be irritating to skin & eyes
Environment	Not classified

2.1 Label Elements Label in Accordance with (EC) No. 1272/2008



Signal Word	Warning
Hazard Statements	H319 Causes serious eye irritation H315 Causes skin irritation
Precautionary Statements	P102 - Keep out of reach of children P103 - Read label before use. EUH 210 - Safety data sheet available on request. P302 +P352 IF ON SKIN: Wash with plenty of soap and water. P332 + P313 If skin irritation occurs: Get medical advice/attention. P305 +P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P281 Use personal protective equipment as required. Wear eye protection when there is a risk of splashing. Wear rubber/impervious gloves for skin protection if skin is sensitive.

3. COMPOSITION OF PRODUCT AND INFORMATION ON INGREDIENTS

3.1 Mixtures

Concentrations below the concentration limit for classification in mixtures means that substance not reaching this does not need to be classified. Those that do not reach this concentration will still be included as indicative advice only.

9-Octadecenoic acid(Z)-reaction products with triethanolamine, di-Me sulphate- quaternized	1 . 10%
CAS-No.: 94095-35-9	EC No.: 302-242-5
Classification (EC 1272/2008) Eye Irritant 2 . H319	Skin Irritant 2 . H315

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>Conc. Limit for Classification</u>
Isopropanol	0.1-1.0%	200-661-7	67-63-0	1%
Perfume (Parfum)	0.1-1.0 %	Mixed	Mixed	1%
Hexyl Cinnamal (Allergen)	0.1-1.0%	-	101-86-0	1%
Butylphenyl Methylpropional (Lilial)	0.1-1.0%	-	80-54-6	1%
C.I. 74160 Pigment Blue	0.1-1.0 %	-	147-14-8	1%

Hand Protection eyeshields.
For prolonged contact or sensitive skin the use of rubber gloves is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Blue Liquid	Flash Point (ACC)	U/A
Odour	Fresh	Viscosity (20C)	-
pH	2.5 typically	Water Solubility	Emulsifiable
Boiling Point	Approx. 100 deg.C	Explosive Properties	None
Oxidising Properties	Avoid oxidising agents	Vapour Pressure	N/A
Fat Solubility	-	Relative Density	1.005

9.2 Other Information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity	Not known to react with other chemicals
10.2 Chemical Stability	No stability concerns
10.3 Hazardous Reactions	None known
10.4 Conditions to Avoid	Extreme heat or cold
10.5 Incompatible Materials	None known.
10.6 Hazardous decomposition products	None when handled and stored correctly.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Consideration is only given to components with greater than 1% based on the product formulation and those with a listed exposure limit in Section 8.

Acute Toxicity – Irritant & damaging to tissue and eyes

Component	LD-50, Oral, mg/kg	LD-50, Skin mg/kg	LC-50 (Inhalation)	Chronic Consideration
9-Octadecenoic acid(Z)-reaction products with triethanolamine, di-Me sulphate-quaternized.	No evidence available			None known

Chronic Toxicity

Carcinogenicity	There are no known carcinogenic chemicals in this product
Sensitization	No information available.
Mutagenic Effects	No information available
Reproductive Effects	No information available.
Developmental Effects	No information available.
Target Organs	No information available
Endocrine Disruptor Info.	No information available.
Other Adverse Effects	The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects

Component	Toxicity to Fish LC-50, mg/l	Exposure Time, Hrs	Comments
9-Octadecenoic acid(Z)-reaction products with triethanolamine, di-Me sulphate-quaternized.	No evidence available		

12.3 Bioaccumulation Potential

With the current information available, when used for its intended purpose this product will not cause adverse effects in the environment.

12.4 Mobility in soil

No information available

12.5 Aquatic Toxicity With the current information available, this is judged to be low at the dilutions that exist.

12.6 Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Discharge used working solutions to drain is acceptable in small amounts due to the dilution of running water. Small amounts (less than 1 Litre) of unwanted concentrated product may be flushed with water to sewer with at least 15 minutes of running water.

Larger volumes of the concentrated product must be sent for disposal using a licensed waste disposal contractor.

Rinse out empty container with water and consign to normal waste.

14. TRANSPORT

Not regulated for Transport with current knowledge

15. REGULATORY INFORMATION

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

EU legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Guidance

Workplace Exposure Limits EH40.

The National Institute for Occupational Safety and Health (NIOSH) register of Immediately Dangerous to Life or Health Concentrations (IDLH)

16. OTHER INFORMATION

This product does not require any special training before use. Usage and handling instructions are mentioned on packaging and on the first page of this Safety Data Sheet. This health and safety information refers to the concentrated product and has been prepared assuming the intended described use is adhered to. Any unusual or novel use of this product is done without being assessed for the impact nor is it part of the considerations in this document.

Diluted solutions can be considered to be significantly less hazardous although they should always be handled with care.

Key literature references and sources for data

Safety Data Sheet, Misc. manufacturers.

CLP Classification - Table 3.1 List of harmonised classification and labelling of hazardous substances.

CHIP Classification - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

ECHA - C&L Inventory database.

Revision comments

This product is now using classification from GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Hazard	statements	in	full
H315	Causes	skin	irritation
H319	Causes serious eye irritation		