



HUGH CRANE

— Cleaning Equipment Limited —

South Walsham Road, Acle, Norwich NR13 3ES

Telephone: 01493 750072 Fax: 01493 751854

Email: sales@hughcrane.co.uk

Website: www.hughcrane.co.uk

Non-Biological Laundry Liquid L3

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PRODUCT INFORMATION SHEET

NON-BIOLOGICAL LAUNDRY LIQUID L3

Super Non-Biological Laundry Liquid is suitable for all types of washing machines. It is formulated to tackle stubborn stains, leaving laundry clean and fresh smelling. Suitable for both hard and soft water areas and effective in low temperature wash programmes. Can be used for both machine and hand washing.

- Suitable for sensitive skin
- Fresh fragrance
- Works in low temperature washes
- Biodegradable
- Phosphate free



CONTAINS

C12-14-ALKYL ETHER SULFATES,
ALCOHOLS, C12-14, ETHOXYLATED,
SODIUM CARBONATE

BIODEGRADABILITY

All surfactants used in Super Professional products comply with the current European regulations concerning biodegradability & protection of the environment.

QUALITY ASSURANCE

This product is manufactured in the UK. Produced under ISO 9001 Quality Management System & ISO 14001 Environmental Management System. This ensures our products and services are of the highest possible standard.

This product has not been tested on animals.



SAFETY DATA SHEET

According to Regulation(EU) No 453/2010

NON-BIOLOGICAL LAUNDRY LIQUID L3

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: Super Professional Non Biological Laundry Liquid L3
Product No.: 03HC1138 / 800-242-0005
Container Size: 5 Litres
Supplier: Hugh Crane (Cleaning Equipment) Ltd.
South Walsham Road,
Acle, Norwich, NR13 3ES
Tel (01493) 750072 Fax (01493) 751854

National Emergency Tel. No.: In case of a medical emergency following exposure to a chemical, call NHS Direct in England or Wales 0845 46 47 or NHS24 in Scotland 08454 242424

Relevant Identified Uses Of The Substance Or Mixture And Uses Advised Against:

Identified Uses: Detergent..
Uses Advised Against: No specific uses advised against are identified.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification (EC 1272/2008):

Physical Hazards: Not classified.
Health Hazards: Eye Irrit 2 – H318
Environmental Hazards: Not classified.

Label elements

Pictogram:



Signal Word: Danger.
Hazard Statements: H318 Causes serious eye damage.
Precautionary statements: P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
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.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/ container in accordance with local regulations.
Contains: C12-14-ALKYL ETHER SULFATES, ALCOHOLS, C12-14, ETHOXYLATED, SODIUM CARBONATE
Detergent labelling: 5 - < 15% anionic surfactants, < 5% non-ionic surfactants, < 5% optical brighteners, < 5% perfumes, < 5% Polycarboxylates, Contains 2-Bromo-2-nitropropane-1, 3-diol
Other hazards: This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Ingredient(s)	EC No.	CAS No.	REACH Registration No. / Other Info	Classification 67/548/EEC	Classification EC 1272/2008	Weight %
ALCOHOLS, C12-14, ETHER SULFATES	500-234-8	68891-38-3	01-2119488639-16-xxxx	Xi R38, R41.	Skin Irrit 2 – H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	5-10%
ALCOHOLS, C12-14, ETHOXYLATED 1-5%	500-213-3	68439-50-9	01-2119487984-16-xxxx M factor (Acute) = 1	Xi;R41. N;R50.	Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	



Ingredient(s)	EC No.	CAS No.	REACH Registration No. / Other Info	Classification 67/548/EEC	Classification EC 1272/2008	Weight %
SODIUM CARBONATE	207-838-8	497-19-8	01-2119485498-19-xxxx	Xi;R36	Eye Irrit. 2 - H319	1-5%
BRONOPOL (INN)	200-143-0	52-51-7	01-2119980938-15-xxxx M factor (Acute) = 10	Xn;R21/22 Xi;R37/38,R41 N;R50	Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	<1%

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

4. FIRST AID MEASURES

Description of first aid measures

General Information:

Provide eyewash station.

Inhalation:

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues

Ingestion:

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact:

Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

Eye contact:

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

General Information:

Provide eyewash station.

Skin contact:

Prolonged contact may cause redness, irritation, and dry skin.

Eye contact:

The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

Indication of any immediate medical attention and special treatment needed

Notes for the Doctor:

No specific recommendations.

5. FIREFIGHTING MEASURES

Suitable Extinguishing media:

This product is not flammable. Use fire-extinguishing media appropriate for surrounding fire. Foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Hazardous combustion products:- Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

Advice for firefighters

Protective Actions During Firefighting:

Control run-off water by containing and keeping it out of sewers and watercourses.

Special Protective equipment for Firefighters:

Wear positive pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions:

For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.

Environmental precautions:

Collect and dispose of spillage as indicated in section 13. Do not discharge into drains, water courses or onto the ground.

Methods And Material For Containment And Cleaning Up

Methods for Cleaning Up:

Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

Reference to other sections:

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.



7. HANDLING AND STORAGE

Precautions for safe handling

Usage Precautions:

Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

Advice on General Hygiene:

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

Conditions for safe storage, including any incompatibilities

Storage Precautions:

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Specific end use(s):

The identified uses for this product are detailed in Section 1.2.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

DNEL:	Workers - Inhalation; Long term systemic effects: 175 mg/m ³ Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Consumer - Inhalation; Long term systemic effects: 52 mg/m ³ Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day Consumer - Oral; Long term systemic effects: 15 mg/kg/day
PNEC:	- Fresh water; 0.24 mg/l - Marine water; 0.024 mg/l - Intermittent release; 0.071 mg/l - Sediment, Fresh water; 0.917 mg/kg - Sediment, Marine water; 0.092 mg/kg - Soil; 7.5 mg/kg - STP; 10,000 mg/l

ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

DNEL:	Workers - Inhalation; Long term systemic effects: 294 mg/m ³ Workers - Dermal; Long term systemic effects: 2080 mg/kg/day General population - Inhalation; Long term systemic effects: 87 mg/m ³ General population - Dermal; Long term systemic effects: 1250 mg/kg/day General population - Oral; Long term systemic effects: 25 mg/kg/day
PNEC:	- Fresh water; 0.0437 mg/l - Intermittent release; 0.004 mg/l - STP; 10 mg/l - Sediment (Freshwater); 31 mg/kg - Sediment (Marinewater); 31 mg/kg - Soil; 1 mg/kg

SODIUM CARBONATE (CAS: 497-19-8)

DNEL:	Workers - Inhalation; Long term local effects: 10 mg/m ³ General population - Inhalation; Long term local effects: 10 mg/m ³
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BRONOPOL (INN) (CAS: 52-51-7)

DNEL:	Workers - Inhalation; Long term systemic effects: 4.1 mg/m ³ Workers - Inhalation; Short term systemic effects: 12.3 mg/m ³ Workers - Inhalation; Long term local effects: 4.2 mg/m ³ Workers - Inhalation; Short term local effects: 4.2 mg/m ³ Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day Workers - Dermal; Short term systemic effects: 7 mg/kg/day Workers - Dermal; Long term local effects: 0.013 mg/cm ² Workers - Dermal; Short term local effects: 0.013 mg/cm ² General population - Inhalation; Long term systemic effects: 1.2 mg/m ³ General population - Inhalation; Short term systemic effects: 3.7 mg/m ³
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General population - Inhalation; Long term local effects: 1.3 mg/m³
General population - Inhalation; Short term local effects: 1.3 mg/m³
General population - Dermal; Long term systemic effects: 1.4 mg/kg/day
General population - Dermal; Short term systemic effects: 4.2 mg/kg/day
General population - Dermal; Long term local effects: 0.008 mg/cm²
General population - Dermal; Short term local effects: 0.008 mg/cm²
General population - Oral; Long term systemic effects: 0.35 mg/kg/day
General population - Oral; Short term systemic effects: 1.1 mg/kg/day
- Fresh water; 0.01 mg/l
- Marine water; 0.008 mg/l
- Intermittent release; 0.0025 mg/l
- STP; 0.43 mg/l
- Sediment (Freshwater); 0.041 mg/kg
- Sediment (Marinewater); 0.00328 mg/kg
- Soil; 0.5 mg/kg

PNEC:

Exposure controls

Protective equipment:



Appropriate Engineering Controls: Provide adequate ventilation.

Eye/face protection:

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection:

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent defatting and cracking of skin.

Hygiene measures:

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection:

Respiratory protection not required.

Environmental exposure controls: Avoid releasing into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Liquid
Colour: Light blue
Odour: Perfumed.
pH-Value Conc. Solution: 8-10
Relative density: 1.060
Solubility: Soluble in water.
Viscosity: 100-350 @ 20°C
Explosive Under Influence of Flame: Not considered to be explosive.
Comments: Information given is applicable to the product as supplied.
Other information: Not relevant
Refractive Index: 14-16

10. STABILITY AND REACTIVITY

Reactivity: There are no known reactivity hazards associated with this product.
Chemical stability: Stable at normal ambient temperatures.
Possibility of hazardous reactions: Not applicable.
Conditions to avoid: Avoid exposure to high temperatures or direct sunlight.
Materials To Avoid: No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous Decomp'n Products: No known hazardous decomposition products.



11. TOXICOLOGICAL INFORMATION

Information On Toxicological Effects

Toxicological effects: Information given is based on data of the components and of similar products.

Acute toxicity - oral

Notes (oral LD₅₀): Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀): Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀): Based on available data the classification criteria are not met.

Skin corrosion/irritation: Not classified. Based on available data the classification criteria are not met.

Serious eye damage/irritation: Causes serious eye damage. Calculation method.

Respiratory sensitisation: Not sensitising. Based on available data the classification criteria are not met.

Skin sensitisation: Not classified. Based on available data the classification criteria are not met.

Germ cell mutagenicity: Genotoxicity - in vitro: Does not contain any substances known to be mutagenic.

Carcinogenicity: Does not contain any substances known to be carcinogenic.

Reproductive toxicity: Fertility: Does not contain any substances known to be toxic to reproduction.

Specific Target Organ Toxicity

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.

General information: This product has low toxicity.

Ingestion: May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact: Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis. Allergic skin rash.

Eye contact: Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity: There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

Toxicity: Not considered toxic to fish.

Persistence and degradability: There are no data on the degradability of this product. 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.

Bioaccumulative potential: No data available on bioaccumulation.

Mobility in soil: The product is water-soluble and may spread in water systems.

Results of PBT and vPvB Assessment: This product does not contain any substances classified as PBT or vPvB.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

General information: Do not discharge into drains or watercourses or onto the ground.

Waste Treatment Methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

14. TRANSPORT INFORMATION

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): No transport warning sign required.

Packing group: Not applicable.

Environmental hazards

Environmentally hazardous substance/marine pollutant: No

Special precautions for user: Not applicable.



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Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

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

National regulations:	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
EU legislation:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. 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). Commission Directive 2000/39/EC of 8 June 2000 establishing 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 (as amended). Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments. Commission Regulation (EU) No 2015/830 of 28 May 2015.
Guidance:	Workplace Exposure Limits EH40. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets. COSHH Essentials. Technical Guidance WM2: Hazardous Waste.
Chemical Safety Assessment:	No information available.

16. OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet:

DNEL: Derived No Effect Level.
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978

Revision Information

Revision Date:	23 rd July 2018
Revision :	3
Supersedes SDS Dated:	12 th June 2017.
SDS No.:	20611

Hazard Phrases In Full:

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Disclaimer:

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

End of Safety Data Sheet.