

Revised 01/09/08 (#3)

1. Identification of the Substance/Preparation

Product Name: SPD1461 Dura Professional Biological Laundry Liquid

Company Name:

Spearhead
Mill House
New Mill Road
Kilmarnock
KA1 3JG

2. Hazards identification

This product is not classified as dangerous according to EU Directive 1999/45/EC.

Eye contact: Transient superficial irritation.

Skin contact: Prolonged exposure may cause skin irritation.

Ingestion: Possible mild gastro-intestinal irritation with nausea and vomiting.

Inhalation: Inhaling aerosolized product may cause mild irritation of the respiratory system.

3. Composition/information on ingredients

A liquid laundry detergent containing:

Common Name	CAS	Classification	Conc
Linear Primary Alcohol Ethoxylate (Nonionic surfactant)	68002-97-1	Xn; R22, R41	5 - 10 %
Sodium Laureth Sulphate (Anionic surfactant)	9004-82-4	Xn; R22, R38, R41	5 - 10 %
Tetrapotassium pyrophosphate	7320-34-5	Xi; R36-38	1 - 5 %
Diethylenetriaminepenta acetic acid	67-43-6	Xi; R36	1 - 5 %
Citronellol	106-22-9	Xi- N; R38-43-51/53	< 0.1 %
Geraniol	106-24-1	Xi; R38-43	< 0.1 %
Hexyl Cinnamic acid	101-86-0	Xi; R43	< 0.1%

4. First-aid measures

Eye contact: Rinse thoroughly with plenty of water for several minutes.

If symptoms persist, seek medical advice.

Skin contact: Rinse affected area with water. If needed apply cold compress to relieve irritation.

If symptoms persist, discontinue use of product and seek medical advice.

Ingestion: Drink water to dilute product. Do not induce vomiting. Act immediately in order to prevent further irritation of mouth, throat and stomach mucosa. If symptoms persist, if persistent vomiting occurs or if blood tinged vomit is present, seek medical advice.

Inhalation: Go into open air and ventilate suspected area. If irritation is experienced, mouth and throat may be rinsed with water. Aerosolized product adhering to the nasal cavity may be rinsed/diluted with saline/plain water.

If irritation or asthma-like symptoms persist, seek medical advice.

5. Fire fighting measures

Not explosive. Not auto-flammable. Not flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO₂, dry chemical powders or alcohol resistant foam.

If water is used, contain run-off.

6. Accidental release measures

Avoid spillage into sewers or surface water. For large spills: pump into plastic containers and rework/dispose as per local legislation. For small spills: use non-combustible absorbent and shovel into container for disposal.

7. Handling and storage

Store in a cool and dry area.

8. Exposure controls / Personal protection

Not a hazard in normal use. No personal protective equipment required.

9. Physical and chemical properties

Appearance: clear blue liquid

Odour: perfume

pH (10% aqueous solution) : ca. 8-10.5

Not Flammable. Non-Explosive. Non-Oxidizing.

Relative density: ca. 1 - 1.15 g/ml

Water solubility: high

10. Stability and reactivity

Stable under normal conditions.

11. Toxicological information

Not acutely toxic, may cause vomiting. If very large quantities are ingested, symptoms of alcohol-like intoxication may be observed; treat symptomatically. Do not induce vomiting. If irritant effects are seen, these will be mild to moderate, depending on exposure. If in contact with eyes flushing with water is recommended.

Estimated acute oral toxicity: LD50 (rats) > 2g/kg

Eye irritation: Slightly irritating to eyes

Skin irritation: Slightly irritating to skin

Chronic toxicity: Repeated exposure to low levels (e.g. on fabrics or diluted in washing water) will not cause adverse effects

Contact sensitization: Does not provoke a sensitisation reaction

12. Ecological information

The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

The surfactants used in the product are biodegradable in line with the requirements of EU Directives 73/404/EEC and 73/405/EEC and their subsequent amendments.

13. Disposal considerations

Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation.

14. Transport information

Not subject to ADR/IATA/IMDG codes.

15. Regulatory information

This product is not classified as dangerous according to EU Directive 1999/45/EC and national laws. All substances in the preparation are registered in the EU.

16. Other information

This product does not require any special training before use. Usage and handling instructions are mentioned on this Material Safety Data Sheet.