

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** LAUNDRY LIQUID**Product code:** S4.002**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).**1.3. Details of the supplier of the safety data sheet****Company name:**

Safe Solutions (Safe4) Limited

Bostock Road

Winsford

Cheshire

CW7 3BD

United Kingdom

**Tel:** +44 (0)1606 591900**Email:** info@safe4disinfectant.com**1.4. Emergency telephone number****Section 2: Hazards identification****Emergency tel:** +44 (0)1606 591900

(office hours only)

**2.1. Classification of the substance or mixture****Classification under CLP:** Eye Dam. 1: H318**Most important adverse effects:** Causes serious eye damage.**2.2. Label elements****Label elements:****Hazard statements:** H318: Causes serious eye damage. **Hazard****pictograms:** GHS05: Corrosion**Signal words:** Danger**Precautionary statements:** P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+350: IF ON SKIN: Gently wash with plenty of soap and water.

P502: Refer to manufacturer/supplier for information on recovery/recycling.

### 2.3. Other hazards

## Section 3: Composition/information on ingredients

PBT: This product is not identified as a PBT/vPvB substance.

### 3.2. Mixtures

#### Hazardous ingredients:

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS - REACH registered number(s): 01-211948863916-####

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-234-8	68891-38-3	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	5-10%

ALCOHOLS, C9-C11, ETHOXYLATE (6 EO)

## Section 4: First aid measures

-	68439-45-2	-	Acute Tox. 4: H302; Eye Dam. 1: H318	3-5%
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### 4.1. Description of first aid measures

#### Skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be irritation and redness at the site of contact. There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 5: Fire-fighting measures

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

## Section 6: Accidental release measures

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## Section 7: Handling and storage

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Section 8: Exposure controls/personal protection**

Specific end use(s): No data available.

**8.1. Control parameters**

Workplace exposure limits: No data available.

**DNEL/PNEC Values**

Hazardous ingredients:

**ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	175 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	2 750 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	52 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Dermal (repeated dose)	1 650 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	15 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.24 mg/L	-	-
PNEC	Marine water	0.024 mg/L	-	-
PNEC	Fresh water sediments	0.917 mg/kg sediment	-	-
PNEC	Marine sediments	0.092 mg/kg sediment	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure there is exhaust ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protection not required.

**Section 9: Physical and chemical properties**

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Blue

**Odour:** Pleasant

**Evaporation rate:** Not applicable.

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible in all proportions

**Viscosity:** Viscous

**Boiling point/range°C:** No data available.

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** No data available.

**Part.coeff. n- octanol/water:** available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 1.030 - 1.050

**pH:** 6.0 - 9.0

**VOC g/l:** No data available.

### 9.2. Other information

**Other information:** Not applicable.

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

### 11.1. Information on toxicological effects

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact. There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

### Section 12: Ecological information

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Other information:** Not applicable.

### Section 10: Stability and reactivity

**Relevant hazards for product:**

#### 12.1. Toxicity

### Section 11: Toxicological information

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

#### 12.4. Mobility in soil

### Section 13: Disposal considerations

**Mobility:** Readily absorbed into soil.

#### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

#### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

#### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal

### Section 14: Transport information

company. Biological treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the other possible disposal

### Section 15: Regulatory information

operations.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Transport class:** This product does not require a classification for transport.

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

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision. **Phrases used in s.2 and s.3:** 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.

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