

SAFETY DATA SHEET

LEMON FORCE



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

Product name: LEMON FORCE

Use / description of product: Super concentrated sanitiser and degreaser.

Company name: Uniconomy Ltd

Unit 1 Carter Building, Brookside

Red Marsh Industrial estate

Off Red Marsh Drive

Thornton Cleveleys

Lancashire FY5 4EZ

Tel: 01253 854050

Fax: 01253 854049

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ALKYLPHENOL ETHOXYLATE

[Xi] R36/38

- SODIUM HYDROXIDE

EINECS: 215-185-5 CAS: 1310-73-2

[C] R35

- BENZALKONIUM CHLORIDE

CAS: 68989-00-4

[Xn] R22; [Xi] R34

- 3-BUTOXYPROPAN-2-OL <1%

EINECS: 225-878-4 CAS: 5131-66-8

[Xi] R36/38

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

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

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

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

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Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: If affected, remove to fresh air. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using sufficient appropriate absorbent material.

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: SODIUM HYDROXIDE

WEL (8 hr exposure limit): - WEL (15 min exposure limit): 2 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.

Hand protection: In cases of prolonged contact wear protective gloves.



Eye protection: If splashing is likely wear safety goggles.



Skin protection: Under normal circumstances, skin contact other than hand contact is not likely

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: yellow/green.

Odour: Lemon

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: Non-viscous

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Relative density: 1.03**pH:** 13.5**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Materials to avoid:** Strong acids. Oxidising agents.**Haz. decomp. products:** Complete combustion will result in carbon oxides and water.**11. TOXICOLOGICAL INFORMATION**

Hazardous ingredients: SODIUM HYDROXIDE
IPR MUS LD50 40 mg/kg
ORL RBT LDLO 500 mg/kg

- 3-BUTOXYPROPAN-2-OL
ORL RAT LD50 5660 µl/kg
SKN RBT LD50 3100 mg/kg

Routes of exposure: May cause irritation of skin, eyes, nose and upper respiratory tract.**12. ECOLOGICAL INFORMATION****Mobility:** Soluble in water.**Other adverse effects:** Should not be discharged directly in concentrated form to water courses.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** Contact Uniconomy Ltd to arrange disposal. Tel 01253 854050**Disposal of packaging:** Clean with water. Retain for recovery.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****Shipping name:** NOT CLASSIFIED FOR TRANSPORT**IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION****Hazard symbols:** Irritating.**Risk phrases:** R36/38: Irritating to eyes and skin.

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Safety phrases: S2: Keep out of the reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This product belongs to Hazard Groups A and S under the HSE COSHH Essentials guidelines. (Publication HSG193).

Always use in accordance with manufacturer's directions.

This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

Risk phrases used in s.2: R36/38: Irritating to eyes and skin.

R22: Harmful if swallowed.

R41: Risk of serious damage to eyes.

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.