

SAFETY DATA SHEET

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PRINT DATE: 09/07/1997

REF: LCL012

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

Product name: LABELCLENE
Product code: LCL012
Supplier: AUTOMATION FACILITIES
H.K. Wentworth Ltd.,
Wentworth House, Blakes Road,
Wargrave, Berkshire, RG10 8AW, United Kingdom.
Emergency telephone number: 0118 9404031 **Fax No:** 0118 9403084

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Identification of the preparation | solvent | | | |
|-----------------------------------|-----------|--------------|---------------------|----------|
| Chemical Name | CAS-No | EEC-No | Class | Weight % |
| 3-BUTOXYPROPAN-2-OL | 5131-66-8 | 603-052-00-8 | Xi; R36/38 | >10 |
| Lemon perfume | 8028-48-6 | 232-433-8 | F, R10, 22,36/38 | 30 |

3. HAZARDS IDENTIFICATION

Most important hazards: Flammable
Specific hazards: Irritating to eyes and skin. Solvents may degrease the skin. High concentration of vapours may induce unconsciousness / narcosis.

4. FIRST AID MEASURES

General advice: Remove from exposure, lie down.
Inhalation: Move to fresh air. Consult a physician after significant exposure.
Skin contact: Wash off with soap and plenty of water: skin cream.
Eye contact: Flush eye(s) immediately with plenty of water. If eye irritation persists, consult a specialist.
Ingestion: Drink plenty of water. Consult a physician if necessary.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish with dry chemical or foam

Extinguishing media which must not be used for safety reasons:

water, water spray

Specific hazards: Standard procedure for chemical fires

Special protective equipment for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary

Specific methods: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not breath vapours or spray mist.

Environmental precautions: Do not contaminate surface water.

Methods for cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste

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7. HANDLING AND STORAGE

Handling: Avoid contact with the skin and the eyes. Do not breathe vapours/dust. When using, do not eat, drink or smoke .

Storage: Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|-----------------------|-----------------------------------------------|
| Chemical Name: | National occupational exposure limits: |
| 3-BUTOXYPROPAN-2-OL | |
| Lemon perfume | - |

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protection equipment:

- **Respiratory protection:** Not applicable.
- **Hand protection:** Not applicable.
- **Eye protection:** Not applicable
- **Skin and body protection:** Not applicable.

Hygiene measures:

Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------------------------|----------------------------|
| Form: | Liquid |
| Colour: | colourless |
| Odour: | Lemon |
| pH: (20 °C) | 5-6 |
| Boiling point/range: | >100 °C |
| Melting point/range: | <-50 °C |
| Flash point: | <55 °C |
| Autoignition temperature: | >200 °C |
| Flammability (solid, gas): | no data available |
| Explosive properties: | no data available |
| Oxidizing properties: | no data available |
| Vapour pressure: (20 °C) | 5 hPa |
| Relative density: (20 °C) | >= 0.82 <= 0.84 |
| Solubility: | |
| Water solubility (20 °C) | insoluble (g/l) |
| - fat solubility | no data available |
| Partition coefficient (n-octanol/water) | no data available |
| Viscosity: | no data mPa.s available |

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heating in air. Do not spray on a naked flame or any other incandescent material.

Materials to avoid:

Hazardous decomposition products: carbon oxides

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11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50/oral/rat = >3000 mg/kg
Local effects: Irritating to eyes and skin.
Sensitization: Repeated or prolonged exposure - skin sensitization.
Long term toxicity: No data is available on the product itself.
Chronic toxicity: No data is available on the product itself

12. ECOLOGICAL INFORMATION

Mobility: Readily biodegradable, according to appropriate OECD test
Persistence and degradability: No data is available on the product itself
Bioaccumulation: Not applicable
Ecotoxicity effects: No data is available on the product itself

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: No special precautions required
Contaminated packaging: No special precautions required

14. TRANSPORT INFORMATION

UN-No: 1993 **Marine pollutant:** no
ADR/RID
Class: 3 **Item:** 3^o
HI/UN No: 1993
Proper shipping name: Flammable liquids, n.o.s

IMO

Class: 3 **IMDG Page:** 3230
EmS: 3-07 **MFAG:** 310
Proper shipping name: Flammable liquids, n.o.s

ICAO

Class: 3 **UN/ID No:** 1993
Proper shipping name: Flammable liquids, n.o.s

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC

- **Contains:** Flammable liquids, n.o.s
- **Symbol(s):**

R-phrase(s): R10 - Flammable..
S-phrase(s): S2 - Keep out of reach of children..S23 - Do not breathe vapour. S24/25 - Avoid contact with skin and eyes.

16. OTHER INFORMATION

Recommended use:
Recommended restrictions:
Revision number: 1
Further information: CN no. 38140090

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