



SAFETY DATA SHEET

LTP - 75% ALCOHOL ETHANOL MULTI SURFACE CLEANER

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Compilation date: 30/06/2020

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: LTP - 75% ALCOHOL ETHANOL MULTI SURFACE CLEANER

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: LTP

Tone Industrial Estate

Milverton

Wellington

Somerset

TA21 0AN

United Kingdom

Tel: 01823 666213

Fax: 01823 665685

Email: info@ltp-online.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1179 600060 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.) +44
(0) 1270 502891 (Out of hours emergency number)

Manufacturer: J.V. Barrett & Co Ltd

St Ivel Way

Warmley

Bristol

BS30 8TY

United Kingdom

Tel: 01179600060

Fax: 01179352437

Email: sales@barrettine.co.uk

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Flam. Liq. 2: H225

Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation.

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2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.

P103: Read label before use.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container to a licensed hazardous-waste collection site except for empty clean containers which can be disposed of as non-hazardous waste.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ETHANOL - REACH registered number(s): 01-2119457610-43-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-578-6	64-17-5	-	Flam. Liq. 2: H225	70-90%

PROPAN-2-OL - REACH registered number(s): 01-2119457558-25-XXXX

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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ETHYL METHYL KETONE - REACH registered number(s): 01-2119457290-43-XXXX

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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Contains: ETHANOL; PROPAN-2-OL; ETHYL METHYL KETONE

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Get medical attention promptly if symptoms occur after washing.

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

Ingestion: Rinse out mouth with water. Do not induce vomiting. If feeling unwell after ingestion occurs seek medical advice

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

Skin contact: There may be irritation and redness 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.

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

Immediate / special treatment: Treat Symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Carbon dioxide. Alcohol resistant foam. Dry chemical powder. Use water spray to cool containers. Do not use high pressure water jet as this may spread burning material.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

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

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Section 6: Accidental release measures

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.

6.4. Reference to other sections

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

Section 7: Handling and storage

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.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1920 mg/m3	-	-	-

PROPAN-2-OL

UK	999 mg/m3	1250 mg/m3	-	-
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ETHYL METHYL KETONE

UK	600 mg/m3	899 mg/m3	-	-
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DNEL/PNEC Values

Hazardous ingredients:

ETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	1900 mg/m3	Workers	Local
DNEL	Dermal (repeated dose)	343 mg/kg/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	95 mg/m3	Workers	Systemic
DNEL	Inhalation	950 mg/m3	Consumers	Local
DNEL	Dermal (repeated dose)	206 mg/kg/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	114 mg/m3	Consumers	Systemic
DNEL	Oral (repeated dose)	87 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	0.96 mg/l	-	-
PNEC	Marine water	0.79 mg/l	-	-
PNEC	Sediment	3.6 mg/kg	-	-
PNEC	Soil (agricultural)	0.63 mg/kg	-	-

PROPAN-2-OL

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	888 mg/kg/d	Workers	Systemic
DNEL	Inhalation (repeated dose)	500 mg/m3	Workers	Systemic
DNEL	Dermal (repeated dose)	319 mg/kg/d	Consumers	Systemic
DNEL	Inhalation (repeated dose)	89 mg/m3	Consumers	Systemic
DNEL	Oral (repeated dose)	26 mg/kg/d	Consumers	Systemic
PNEC	Fresh water	140.9 mg/l	-	-
PNEC	Marine water	140.9 mg/l	-	-
PNEC	Soil (agricultural)	25 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	2251 mg/l	-	-
PNEC	Oral	160 mg/kg food	-	-
PNEC	Fresh water sediments	552 mg/kg	-	-
PNEC	Marine sediments	552 mg/kg	-	-

ETHYL METHYL KETONE

Type	Exposure	Value	Population	Effect
DNEL	Oral (repeated dose)	31 mg/kg/bw/day	Consumers	Systemic
DNEL	Dermal (repeated dose)	412 mg/kg/bw/day	Consumers	Systemic
DNEL	Dermal (repeated dose)	1161 mg/kg/bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	106 mg/m3	Consumers	Systemic

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DNEL	Inhalation (repeated dose)	600 mg/m3	Workers	Systemic
PNEC	Fresh water	55.8 mg/l	-	-
PNEC	Fresh water sediments	284.7 mg/kg	-	-
PNEC	Marine water	55.8 mg/l	-	-
PNEC	Marine sediments	284.7 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	709 mg/l	-	-
PNEC	Soil (agricultural)	22.5 mg/kg	-	-

8.2. Exposure controls

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

Respiratory protection: If ventilation is insufficient suitable respiratory protection must be provided.

Hand protection: Protective gloves. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Eye protection: Safety glasses. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Skin protection: Protective clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Alcoholic

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Soluble

Also soluble in: Most organic solvents.

Boiling point/range°C: 78

Melting point/range°C: -114

Flammability limits %: lower: 2.5

upper: 13.5

Flash point°C: <23

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: 363

Vapour pressure: No data available.

Relative density: No data available.

pH: No data available.

VOC g/l: 648

9.2. Other information

Other information: No data available.

[cont...]

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Section 10: Stability and reactivity

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.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

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 of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

PROPAN-2-OL

DERMAL	RBT	LD50	16.4	ml/kg
ORAL	RAT	LD50	5840	mg/kg
VAPOURS	RAT	6H LC50	10000	ppm

ETHYL METHYL KETONE

DERMAL	RBT	LD50	10	ml/kg
ORAL	RAT	LD50	>2000	mg/kg

Relevant hazards for product:

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

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Symptoms / routes of exposure

Skin contact: There may be irritation and redness 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 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ETHANOL

Salmo Gairdneri	96H LC50	13000	mg/l
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PROPAN-2-OL

DAPHNIA	24H EC50	10	g/l
FISH	96H LC50	9.64-10	g/l

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

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: Avoid release to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

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

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Section 14: Transport information

14.1. UN number

UN number: UN1987

14.2. UN proper shipping name

Shipping name: ALCOHOLS, N.O.S.
(ETHANOL; PROPAN-2-OL; ETHYL METHYL KETONE)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Retail packs require a tactile warning triangle. Tested to BS EN 1276 & BS EN 13697 for bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic and industrial areas.

15.2. Chemical Safety Assessment

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: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Legend to abbreviations: PNEC = predicted no effect concentration

DNEL = derived no effect level

LD50 = median lethal dose

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LC50 = median lethal concentration

LDLO = lethal dose low

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

IPR = intraperitoneal

SCU = subcutaneous

ORL = oral

SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

ING = ingestion

INH = inhalation

PCP = physico-chemical properties

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.