



TALBOT CHEMICALS LTD

Safety Data Sheet Lemon Gel

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

Product identifier

Product name	Lemon Gel
Product number	TCLG
Brand	Talbots

Relevant identified uses of the substance or mixture and uses advised against

PC35: Washing and cleaning

Details of the supplier of the safety data sheet

Name	Talbot Chemicals Ltd
Address	Telford Drive NG24 2DX Newark Notts UK
Telephone	01636611707
Fax	01636611708
email	talbots.tc@gmail.com

Emergency telephone number

01636 611707

SECTION 2: Hazards identification

General hazard statement

This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

- Serious eye damage/eye irritation, Cat. 2, H319

For the full text corresponding to the "H"-codes displayed in this section, refer to Section 16.

Safety Data Sheet

Lemon Gel

Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms



Hazard statements

H319 Causes serious eye irritation

Precautionary statements

P264 Wash ... thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.

SECTION 3: Composition/information on ingredients

Substances

Components

1. BENZYLDIMETHYL(MIXED ALKYL)AMMONIUM CHLORIDE

Concentration 0.2 - 0.5 % (weight)
EC no. 264-151-6
CAS no. 63449-41-2
Index no. 612-140-00-5

2. Didecyldimethylammonium chloride

Concentration 0.1 - 0.5 % (weight)
EC no. 230-525-2
CAS no. 7173-51-5
Index no. 612-131-00-6

3. Alcohols, C9-11, ethoxylated

Concentration 2 - 3 % (weight)
EC no. 614-482-0
CAS no. 68439-46-3

4. Hydroxyethyl cellulose

Concentration 0.5 - 1 % (weight)
CAS no. 9004-62-0

SECTION 4: First aid measures

Description of first aid measures

General notes In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Safety Data Sheet

Lemon Gel

Following inhalation	Remove to fresh air and promote deep breathing. Get medical attention if effects persists.
Following skin contact	Not irritant in normal use.
Following eye contact	Avoid contact with eyes, seek medical attention if irritation persists.
Following ingestion	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

SECTION 5: Firefighting measures

Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

No data available

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Manufacturing Sites:

Avoid breathing mists and aerosols. Wear respiratory protection if necessary. Ensure adequate ventilation.

Evacuate personnel to safe areas.

For personal protection see section 8. Surfaces can be slippery, especially if water is used to clean up a spill.

Distribution, Workplace and Household Settings:

Not normally required when cleaning up small spills. Avoid breathing mists and aerosols. Surfaces can be slippery, especially if water is used to clean up a spill.

Environmental precautions

Manufacturing Sites:

Do not let product enter drains.

Distribution, Workplace and Household Settings:

Not required for normal use. Do not discharge product into natural waters without pre-treatment or adequate dilution.

Methods and material for containment and cleaning up

Safety Data Sheet

Lemon Gel

Soak up with inert absorbent material and dispose of in accordance with applicable local or national requirements. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Manufacturing Sites:

Do not breathe mists and aerosols. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. See Section 8 for information on Personal Protective Equipment.

Distribution, Workplace and Household Settings:

Do not swallow.

Conditions for safe storage, including any incompatibilities

Manufacturing Sites:

To preserve the product, keep containers closed and in dry places. Keep out of reach of children. Store away from incompatible materials. See Section 10 for information on Incompatible Materials.

Distribution, Workplace and Household Settings:

To preserve the product, keep containers closed and in dry places. Keep out of reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Appropriate engineering controls

Manufacturing Sites:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

Distribution, Workplace and Household Settings:

Not normally required.

Individual protection measures, such as personal protective equipment

Eye and face protection

Manufacturing Sites:

Safety glasses are recommended if splash hazard.

Distribution, Workplace and Household Settings:

Not normally required.

Skin protection

Manufacturing Sites:

Wear protective gloves, such as nitrile gloves.

Distribution, Workplace and Household Settings:

Not normally required.

Safety Data Sheet

Lemon Gel

Body protection

Manufacturing Sites:

Wear suitable protective clothing.

Distribution, Workplace and Household Settings:

Not normally required.

Respiratory protection

Manufacturing Sites:

Provide good ventilation. Respiratory protection is not required under normal use conditions.

Not required under normal use conditions. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with organic vapor/acid gas cartridge and particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

Distribution, Workplace and Household Settings:

Not normally required.

Thermal hazards

No data available.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear/Gel
Colour	Yellow
Odour	Lemon
Odour threshold	No data available.
Melting point/freezing point	0°C
Boiling point or initial boiling point and boiling range	No data available.
Flammability	No data available.
Lower and upper explosive limit	No data available.
Flash point	No data available
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidising properties	No data available.
pH	7/9
Kinematic viscosity	1500 mPa's
Solubility	No data available.
Partition coefficient n-octanol/water (log value)	No data available.
Vapour pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density	1.000
Relative vapour density	No data available.

Other information

Information with regard to physical hazard classes

Safety Data Sheet

Lemon Gel

Other safety characteristics

No data available.

SECTION 10: Stability and reactivity

Reactivity

Stable under recommended storage conditions.

Chemical stability

Stable under normal storage conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

None known.

Incompatible materials

Didecyldimethylammonium chloride: Strong oxidizing agents

Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Components:

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Skin corrosion/irritation

May cause skin irritation. Seek medical advice if condition persists

Not expected from normal use. Discontinue use if you experience any skin irritation and seek medical advice if condition persists

Serious eye damage/irritation

Not expected from normal use. Discontinue use if you experience any eye irritation.

Respiratory or skin sensitization

Not expected from normal use. Discontinue use if you experience any irritation or sensitization.

Germ cell mutagenicity

Based on available data, classification data are not met

Carcinogenicity

Based on available data, classification data are not met

Reproductive toxicity

Safety Data Sheet

Lemon Gel

Based on available data, classification data are not met

STOT-single exposure

Based on available data, classification data are not met

STOT-repeated exposure

Based on available data, classification data are not met

Aspiration hazard

Based on available data, classification data are not met

Information on other hazards

Other information

BENZYL DIMETHYL (MIXED ALKYL) AMMONIUM CHLORIDE: *TOXICITY: Not available

*AQTX/TLM96: Not available

*SAX TOXICITY EVALUATION: Not available

*CARCINOGENICITY: Not available

*MUTATION DATA: Not available

*TERATOGENICITY: Not available

*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: None

ACGIH: None

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): None

Flammability (F): None

Reactivity (R): None

*OTHER TOXICITY DATA: Not available

Didecyldimethylammonium chloride: From NIH:

guinea pig LDLo intraperitoneal 7mg/kg (7 mg/kg) BEHAVIORAL: CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD

LUNGS, THORAX, OR RESPIRATION: OTHER CHANGES National Technical Information Service. Vol. AD867-663,

mouse LD50 intraperitoneal 11mg/kg (11 mg/kg) BEHAVIORAL: MUSCLE WEAKNESS National Technical Information Service. Vol. AD867-663,

mouse LD50 oral 268mg/kg (268 mg/kg) BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY) National Technical Information Service. Vol. AD867-663,

rat LD50 intraperitoneal 45mg/kg (45 mg/kg) BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY)

BEHAVIORAL: MUSCLE WEAKNESS National Technical Information Service. Vol. AD867-663,

rat LD50 oral 84mg/kg (84 mg/kg) BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY) National Technical Information Service. Vol. AD867-663,

Safety Data Sheet

Lemon Gel

Hydroxyethyl cellulose: women LDLo intravenous 5100mg/kg/6D- (5100mg/kg) BRAIN AND COVERINGS: INCREASED INTRACRANIAL PRESSURE

BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY)

VASCULAR: CHANGE IN PLASMA OR BLOOD VOLUME New England Journal of Medicine. Vol. 317, Pg. 964, 1987.

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

Didecyldimethylammonium chloride: Per ECHA profile (<https://echa.europa.eu/brief-profile/-/briefprofile/100.027.751>) Readily biodegradable (100%)

Bioaccumulative potential

No data available on product

Mobility in soil

No data available on product.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available on product.

SECTION 13: Disposal considerations

Waste treatment methods

Product disposal

Manufacturing, Distribution, and Workplace:

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Household Settings:

Diluted product can be flushed to sanitary sewer. Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Packaging disposal

Dispose of as unused product.

Waste treatment

Dispose of container in accordance with the local/regional/national/international regulations. HDPE is readily recyclable. Please recycle where possible.

Sewage disposal

Dispose of contents in accordance with the local/regional/national/international regulations.

SECTION 14: Transport information

UN Number

None

UN Proper Shipping Name

None

Safety Data Sheet

Lemon Gel

Transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None
Maritime transport in bulk according to IMO instruments	None

SECTION 15: Regulatory information

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

New regulation

Not applicable.

Canadian Domestic Substances List (DSL)

Chemical name: Cellulose, 2-hydroxyethyl ether

CAS: 9004-62-0

Chemical Safety Assessment

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

SECTION 16: Other information

Full text of hazard statements referenced in Section 2

H319 Causes serious eye irritation

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Further information/disclaimer

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.