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# SAFETY DATA SHEET



## Opti Clean

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name: **Opti Clean** (PN 3810, 3811 and 6850)

Mixture name: Propanol-2-ol (CAS 67-63-0, EINECS 200-661-7)

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

Use of the Mixture Removal of stains, grease and blemishes from all glass surfaces.

#### 1.3 Details of the supplier of the safety data sheet Company

QTEK Manufacturing Ltd.,  
Riverside Commercial Estate,  
Galway,  
Ireland.  
Email: sales@qtek.com  
SDS Contact sales@qtek.com

#### 1.4 Emergency telephone number

Telephone Number: + (353) 91 745160

Fax Number: + (353) 91 751299

Hours of business (Monday to Friday): 0830 – 1730 hrs.

Closed Bank Holidays and Public Holidays

### 2. Hazards Identification

#### 2.1 Classification of the substance or mixture

##### Classification (67/548/EEC, 1999/45/EC):

Non-dangerous according to the classification systems of the relevant EC guidelines.

Hazards for man and the environment: None

##### Classification system

The classification complies with current EC regulations on dangerous substances and preparations.

### 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixture

Mixture in water of non-dangerous ingredients and the substances listed below.

| Chemical Name                               | CAS-No. EINECS-No. / ELINCS No. | content [%] |
|---------------------------------------------|---------------------------------|-------------|
| propan-2-ol; isopropyl alcohol; isopropanol | 67-63-0 / 200-661-7             | 5-15%       |

# Opti Clean

## 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

**General information** No special measures required.

**Inhalation** Remove from source of exposure. Obtain medical attention if symptoms develop.

**Skin contact** Not applicable.

**Eye contact** Wash immediately with copious amounts of water.

**Ingestion** Rinse out mouth and then drink one or two glasses of water (or milk).

In case of persistent symptoms obtain medical attention.

## 5: FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media** CO<sub>2</sub>, extinguishing powder or water jet.  
Fight larger fires with water jet or alcohol-resistant foam.

**Protective equipment:** No special measures required.

## 6: ACCIDENTAL RELEASE MEASURES

**Protection of personnel:** Not required.

**Environmental precautions:** Dilute with plenty of water.

**Method of disposal:** Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

Dispose of the collected material according to the regulations.

**Additional information:** No dangerous materials are released.

## 7: HANDLING AND STORAGE

Handling (see also sections 8 and 15)

### Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

### Information about protection against explosions and fires:

No special measures required.

### Storage

Requirements for storage rooms and containers: No special requirements.

Storage in one common storage facility: Not required.

Further information about storage conditions: None.

## 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Additional information about design of technical systems: No further data; see section 7.

Components with limit values that require monitoring at the workplace: 67-63-0 propan-2-ol (5-15%)

OES (UK): Short-term value: 1250 mg/m<sup>3</sup>, 500 ppm

Long-term value: 999 mg/m<sup>3</sup>, 400 ppm

# Opti Clean

## Additional information:

The lists that were valid during the compilation were used as basis.

## Personal protective equipment

General protective and hygienic measures

Do not inhale gases / fumes / aerosols.

## Breathing equipment:

Personal protection is not normally required. However, inhalation of dust, vapour or aerosol should be avoided.

## Protection of hands:

Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.

## Eye protection:

Safety glasses are not normally required. However, their use is recommended in those cases where handling the undiluted product involves a risk of splashing.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                                                                                     |   |                               |
|-------------------------------------------------------------------------------------|---|-------------------------------|
| Appearance                                                                          | : | liquid                        |
| Colour                                                                              | : | clear blue                    |
| Odour                                                                               | : | characteristic                |
| Melting point/range                                                                 | : | Not determined                |
| Boiling point/boiling range                                                         | : | Not determined                |
| Flash point                                                                         | : | 39 ° C Pensky M. cc           |
| This product with a flashpoint between 21 °C and 61 °C does not support combustion. |   |                               |
| Spontaneous combustion                                                              | : | Product is not self igniting. |
| Danger of explosion:                                                                |   | Product is not explosive.     |
| Density at 20°C                                                                     |   | 0.99 g/cm <sup>3</sup>        |
| Solubility in / Miscibility with Water:                                             |   | Fully miscible                |
| pH-value:                                                                           |   | 6.5 < pH <= 7.0               |

## 10: STABILITY AND REACTIVITY

|                                                          |                                                       |
|----------------------------------------------------------|-------------------------------------------------------|
| <b>Thermal decomposition / conditions to be avoided:</b> | No decomposition if used according to specifications. |
| <b>Dangerous reactions</b>                               | No dangerous reactions known                          |
| <b>Hazardous decomposition products:</b>                 | No dangerous decomposition products known.            |

## 11: TOXICOLOGICAL INFORMATION

### Acute toxicity:

LD50 (oral): Based on the toxicological classification the LD50 (oral) is estimated to be > 2000 mg/kg.

### Primary irritant effect:

#### Skin contact:

Unlikely to be irritant in normal use.

#### Eye contact:

Unlikely to be irritant in normal use.

#### Inhalation:

Can cause irritation.

#### Ingestion:

Unlikely to be harmful unless excessive amount ingested.

### Additional toxicological information:

The product is not subject to toxicological classification under the EC Dangerous Substances and Preparations Directives.

When used and handled according to instructions, the product is unlikely to have any harmful effects.

# Opti Clean

## 12: ECOLOGICAL INFORMATION

### General notes:

When used for its intended purpose this product should not cause adverse effects in the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

Product

**Recommendation:** Must not be disposed of together with domestic waste. Do not allow undiluted product to reach sewage system.

**European waste catalogue 20 01 30:** detergents other than those mentioned in 20 01 2

### Uncleaned packagings

**Recommendation:** Dispose of observing official regulations.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.

## SECTION 14: TRANSPORT INFORMATION

### Land transport ADR/RID (cross-border)

ADR/RID Class: -

### Maritime transport IMDG:

IMDG Class: -

### Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -

**Transport/Additional information:** Non-dangerous according to above regulations.

## 15: REGULATORY INFORMATION

### Classification according to EC guidelines:

Non-dangerous according to the guidelines of the relevant EC Directives.

### Safety phrases:

S23 Do not breathe spray.

S51 Use only in well-ventilated areas.

Further indications on the label: Rinse and dry hands after use.

For prolonged contact protection for the skin may be necessary.

Safety data sheet available for professional user on request.

## SECTION 16: OTHER INFORMATION

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

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# Opti Clean

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## Further information

**Other information:** || Indicates updated section.

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