

## Safety Data Sheet

according to UK REACH Regulation

### DEKACLEAN ULTRA TOWEL

Revision date: 21.01.2021

Product code: 1227

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

##### 1.1. Product identifier

DEKACLEAN ULTRA TOWEL

Substance name:	propan-2-ol; isopropyl alcohol; isopropanol	
CAS No:	67-63-0	
Index No:	603-117-00-0	
EC No:	200-661-7	

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

###### Use of the substance/mixture

detergent

###### Uses advised against

No further relevant information available.

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

Company name:	DINOL GmbH	
Street:	Pyrmonter Strasse 76	
Place:	D-32676 Luegde	
Telephone:	+ 49 (0) 5281 982980	Telefax: + 49 (0) 5281 9829860
e-mail:	msds@dinol.com	
Contact person:	Labor	
Responsible Department:	msds@dinol.com	

##### 1.4. Emergency telephone number:

Giftnotruf Berlin: +49 30 30686 700 (Beratung in Deutsch und Englisch)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### GB CLP Regulation

Hazard categories:

Flammable liquid: Flam. Liq. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

##### 2.2. Label elements

###### GB CLP Regulation

Signal word: Danger

###### Pictograms:



###### Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

###### Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
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P271	smoking.
P280	Use only outdoors or in a well-ventilated area.
P305+P351+P338	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P403+P235	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	Store in a well-ventilated place. Keep cool.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			100 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

Full text of H and EUH statements: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In all cases of doubt, or when symptoms persist, seek medical advice.  
 Never give anything by mouth to an unconscious person or a person with cramps.  
 If unconscious place in recovery position and seek medical advice.

##### After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

##### After contact with skin

Change contaminated clothing.  
 After contact with skin, wash immediately with plenty of water and soap.

##### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

##### After ingestion

Call a physician immediately.

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

Irritating to eyes. May cause drowsiness or dizziness.

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

No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>) Extinguishing powder. Water spray jet alcohol resistant foam.

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#### Unsuitable extinguishing media

No further relevant information available.

#### **5.2. Special hazards arising from the substance or mixture**

No further relevant information available.

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

##### **General measures**

Wear personal protection equipment. Remove persons to safety.

##### **For emergency responders**

For further specification, refer to section 8 of the SDS.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Dilute with plenty of water.

#### **6.3. Methods and material for containment and cleaning up**

##### **For containment**

Prevent spread over a wide area (e.g. by containment or oil barriers).

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

##### **Other information**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Provide adequate ventilation.

#### **6.4. Reference to other sections**

See protective measures under point 7 and 8. Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Keep container tightly closed. Store in a cool dry place.

##### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

##### **Advice on general occupational hygiene**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from food, drink and animal feedingstuffs. Remove contaminated, saturated clothing immediately.

Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

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#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Eye glasses with side protection (DIN EN 166)

##### Hand protection

Tested protective gloves must be worn (EN ISO 374):

FKM (fluoro rubber) penetration time (maximum wearing period): 480 min.

NBR (Nitrile rubber) penetration time (maximum wearing period): 480 min.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Protective gloves have to be replaced at the first sign of deterioration.

Protect skin by using skin protective cream.

##### Skin protection

Wear anti-static footwear and clothing

##### Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.  
gas filtering equipment (EN 141). Filter material/medium :

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	whitish
Odour:	characteristic

#### Test method

##### Changes in the physical state

Melting point/freezing point: not determined

Boiling point or initial boiling point and boiling range: 86 °C

Flash point: 15 °C

##### Explosive properties

not determined

Lower explosion limits: 2 vol. %

Upper explosion limits: 13 vol. %

Auto-ignition temperature: 340 °C DIN 51794

##### Oxidizing properties

not determined

pH-Value: not applicable

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Viscosity / dynamic: not applicable

Viscosity / kinematic: not applicable

**Solubility in other solvents**

not determined

Vapour pressure: 43 hPa  
(at 20 °C)

Density: not applicable

**9.2. Other information****Other safety characteristics**

Solvent content: 65, %

Solid content: 20 %

**Further Information**

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

**10.2. Chemical stability**

No known hazardous decomposition products.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No further relevant information available.

**10.5. Incompatible materials**

No further relevant information available.

**10.6. Hazardous decomposition products**

none

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause drowsiness or dizziness. (propan-2-ol; isopropyl alcohol; isopropanol)

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

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**Further information**

There are no data available on the preparation/mixture itself.

**SECTION 12: Ecological information****12.1. Toxicity**

No further relevant information available.

**12.2. Persistence and degradability**

No further relevant information available.

**12.3. Bioaccumulative potential**

No further relevant information available.

**12.4. Mobility in soil**

No further relevant information available.

**12.5. Results of PBT and vPvB assessment**

not applicable

**12.7. Other adverse effects**

No further relevant information available.

**Further information**

There are no data available on the mixture itself.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**Dispose of waste according to applicable legislation.  
Do not mix with other wastes.**List of Wastes Code - residues/unused products**

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

**List of Wastes Code - contaminated packaging**

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

**Contaminated packaging**

Dispose of waste according to applicable legislation.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number:</b>	UN 3175
<b>14.2. UN proper shipping name:</b>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
<b>14.3. Transport hazard class(es):</b>	4.1
<b>14.4. Packing group:</b>	II
Hazard label:	4.1



Classification code:	F1
Special Provisions:	216 274 601
Limited quantity:	1 kg

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Excepted quantity: E2  
 Transport category: 2  
 Hazard No: 40  
 Tunnel restriction code: E

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 3175  
**14.2. UN proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 4.1  
**14.4. Packing group:** II  
 Hazard label: 4.1



Classification code: F1  
 Special Provisions: 216 274 601 800  
 Limited quantity: 1 kg  
 Excepted quantity: E2

**Marine transport (IMDG)**

**14.1. UN number:** UN 3175  
**14.2. UN proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 4.1  
**14.4. Packing group:** II  
 Hazard label: 4.1



Marine pollutant: no  
 Special Provisions: 216, 274  
 Limited quantity: 1 kg  
 Excepted quantity: E2  
 EmS: F-A, S-I

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN 3175  
**14.2. UN proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.  
**14.3. Transport hazard class(es):** 4.1  
**14.4. Packing group:** II  
 Hazard label: 4.1



Special Provisions: A46  
 Limited quantity Passenger: 5 kg  
 Passenger LQ: Y441  
 Excepted quantity: E2  
 IATA-packing instructions - Passenger: 445  
 IATA-max. quantity - Passenger: 15 kg  
 IATA-packing instructions - Cargo: 448  
 IATA-max. quantity - Cargo: 50 kg

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#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

Warning : Flammable solids

#### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC): 65,00 %  
650,0 g/l

##### Additional information

Observe in addition any national regulations!

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 1 - slightly hazardous to water

##### Additional information

Das Gemisch enthält die folgenden besonders besorgniserregenden Stoffe (SVHC), die in der Kandidatenliste gemäß REACH, Artikel 59 enthalten sind: keine/keiner

#### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has been carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product



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named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.