**UNI**GLOVES<sup>®</sup> Material safety data sheet

Revision 5 | July 2023

### Select Black Alcohol Swabs

#### 1. OMPANY

<b>IDENTIFICATION OF THE</b> 1.1. Product Name	SUBSTANCE/PREPARATION AND C Select Black Alcohol Swabs
1.2. Company	Unigloves (UK) Ltd 3 Ambley Green Gillingham Business Park Gillingham Kent ME8 0NJ UK ☎ +44 (0)800 049 6602 ☑ technical@unigloves.co.uk 및 unigloves.co.uk

#### 2. HAZARDS IDENTIFICATION

CLP Classification - Regulation (EC) No 1272/2008		
Physical hazards		
Flammable liquids	Category 2 (H225)	

#### Health hazards

Serious Eye Damage/Eye Irritation Category 2 (H319) Specific target organ toxicity - (single exposure) Category 3 (H336)

#### **Environmental hazards**

Based on available data, the classification criteria are not met



**Hazard Statements** 

H225 - Highly flammable liquid and vapor

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

#### **Precautionary Statements**

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P240 - Ground/bond container and receiving equipment

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

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

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No	% by Wt
Isopropyl alcohol	64-17-5	70

🕆 Unigloves (UK) Limited 3 Ambley Green, Gillingham Business Park, Gillingham, ME8 0NJ, UK

 unigloves.co.uk ⊠ enquiries@unigloves.co.uk 

PRegistered office: 37 St Margaret's Street, Canterbury, Kent, CT1 2TU Registered in England No. 04010200 VAT registration 791817787

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### 4. FIRST AID MEASURES

Eye Contact: Flush eyes with large amounts of water. Get medical attention. Skin Contact: Wash affected area with water. Get medical attention. Inhalation: Remove person to fresh air. Get medical attention. If Swallowed: Do not induce vomiting. Get medical attention.

### 5. FIRE FIGHTING MEASURES

#### 5.1. Extinguishing media

CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Containers may explode when heated. Hazardous Combustion Products Carbon monoxide (CO), Carbon dioxide ( $CO_2$ ), peroxides.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

### 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

#### 6.2. Environmental precautions

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Place in a closed container approved for transportation by appropriate authorities.

### 6.3. Clean-up methods

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. In the event of a release of this material, the user should determine if the release qualifies as reportable according to national and local regulations.

### 7. HANDLING AND STORAGE

### 7.1 HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Avoid breathing of vapors, mists or spray. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.

7.2 STORAGE

Keep in well-ventilated area away from sources of heat and sources of ignition.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Provide appropriate local exhaust ventilation on open containers. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

- 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)
- 8.2.1 Eye/Face Protection Avoid eye contact.

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#### 8.2.2 Skin Protection

Avoid skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure

assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray.

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure

assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors

For questions about suitability for a specific application, consult with your respirator manufacturer.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. 8.3 EXPOSURE GUIDELINES

ISOPROPYL ALCOHOL ACGIH TWA 200 ppm

ISOPROPYL ALCOHOL ACGIH STEL 400 ppm

ISOPROPYL ALCOHOL OSHA TWA 980 mg/m<sup>3</sup>

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form	Saturated Pads
Odor	Alcoholic odor
General Physical Form	Liquid
Autoignition temperature	425°C
Flash Point	11.7°C
Flammable Limits (LEL)	Not Applicable
Flammable Limits (UEL)	Not Applicable
Boiling Point:	82°C [Based on liquid portion only]
Density	0.79g/ml [Based on liquid portion only]
Melting point	Not Applicable
Solubility in Water	Miscible
Evaporation rate	No Data Available
Viscosity	2.27 mPa.s at 20°C

#### **10. STABILITY AND REACTIVITY**

This preparation is stable under normal conditions of storage and use and no chemical incompatibility is known.

#### 11. TOXICOLOGICAL INFORMATION

#### Chronic Toxicity/Carcinogenicity

This product is not expected to cause long term adverse health effects.

#### Genotoxicity

This product is not expected to cause any mutagenic effects.

#### **Reproductive/Developmental Toxicity**

This product is not expected to cause reproductive or developmental health effects.

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### **12. ECOLOGICAL INFORMATION**

Mobility

(Isopropyl Alcohol) If released to soil, isopropyl alcohol is expected to have very high mobility. Persistence/Degradability (Isopropyl Alcohol) Isopropyl alcohol is readily degraded in aerobic aqueous systems. **Bio-accumulation** (Isopropyl Alcohol) An estimated BCF of 3 suggests the potential for bioconcentration in aquatic organisms is low. Ecotoxicity (Isopropyl Alcohol) Tests on the following species gave a 96h LC50 of 1150mg/litre: - brown shrimp Tests on the following species gave a 96h LC50 of 6.12-9.64mg/litre: - fathead minnows

#### **13. DISPOSAL CONSIDERATIONS**

Dispose of waste according to national and local regulations.

#### **14. TRANSPORT INFORMATION**

14.1. UN number	UN1219
14.2. UN proper shipping name	Isopropanol
14.3. Transport hazard class(es)	3
14.4. Packing group	II
14.5. Environmental hazards	No hazards identified
14.6. Special precautions for user	No special precautions required

### **15. REGULATORY INFORMATION**

EINECS 200-661-7

#### **16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

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