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

1.1. Product identifier
Product form: Mixture
Product name: PRO-DIS

Type of product: Technical product
Vaporizer: Container fitted with a sealed spray attachment

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

1.2.1. Relevant identified uses
Main use category: Professional use
Industrial/Professional use spec: For professional use only
Use of the substance/mixture: Disinfectant

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet

SGI INDUSTRIES LTD
Suite 1, Franklyn House, Daux Road, Billingshurst, West Sussex, RH14 9SJ UNITED KINGDOM
Tel: 01403 782570 Fax: 01403 786939 Email: info@sgiindustries.com

1.4. Emergency telephone number
Emergency number: NHS 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Flammable liquids, Category 2: H225
Serious eye damage/eye irritation, Category 2: H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis: H336

Full text of H statements: see section 16

Adverse physicochemical, human health and environmental effects
No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP):
- GHS02
- GHS07

Signal word (CLP): Danger
Hazardous ingredients: propan-2-ol; isopropyl alcohol; isopropanol
Hazard statements (CLP):
- H225 - Highly flammable liquid and vapour.
- H319 - Causes serious eye irritation.
- H336 - May cause drowsiness or dizziness.
Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautionary statements (CLP):

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical, lighting, ventilating equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P264 - Wash hands thoroughly after handling.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear eye protection, protective gloves.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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.
- P370+P378 - In case of fire: Use foam to extinguish.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 - Store in a well-ventilated place. Keep cool.
- P405 - Store locked up.

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>propan-2-ol; isopropyl alcohol; isopropanol</td>
<td>(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25</td>
<td>&gt;= 60</td>
<td>Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general: Get medical advice/attention if you feel unwell.
- First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

- Symptoms/effects after eye contact: Causes eye irritation.
- Symptoms/effects after ingestion: May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
Carbon dioxide. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture
Flammable liquid and vapour.

5.3. Advice for firefighters
No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures: Remove ignition sources.

6.1.1. For non-emergency personnel
No additional information available

6.1.2. For emergency responders
No additional information available
6.2. Environmental precautions
No additional information available

6.3. Methods and material for containment and cleaning up
For containment: Collect spillage.
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections
For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Additional hazards when processed: Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling: Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Does not require any specific or particular technical measures.
Storage conditions: Store in a well-ventilated place. Keep container tightly closed.
Incompatible materials: Direct sunlight. Heat sources. Sources of ignition.

7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>United Kingdom</th>
<th>WEL TWA (mg/m³)</th>
<th>WEL STEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>999 mg/m³</td>
<td>1250 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Materials for protective clothing:
Not required for normal conditions of use

Hand protection:
Chemical resistant gloves (according to European standard EN 374 or equivalent). Nitrile rubber gloves

Eye protection:
Safety glasses. EN 166

Skin and body protection:
Not required for normal conditions of use

Respiratory protection:
Not required for normal conditions of use

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Liquid.
Colour: Colourless.
Odour: Characteristic.
Odour threshold : No data available
pH : 7
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : >= 100 °C
Flash point : 18 °C
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : 0.86
Solubility : Soluble in water.
Log Pow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Flammable liquid and vapour.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials
None under normal conditions.

10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified
Skin corrosion/irritation : Not classified
pH: 7
Serious eye damage/irritation : Causes serious eye irritation.
pH: 7
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause drowsiness or dizziness.
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

Vaporizer
Container fitted with a sealed spray attachment
SECTION 12: Ecological information

12.1. Toxicity
Acute aquatic toxicity: Not classified
Chronic aquatic toxicity: Not classified

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)

LC50 fish 1: 9640 mg/l
EC50 other aquatic organisms 1: 13299 mg/l (EC50 waterflea (48 h))
EC50 other aquatic organisms 2: > 1000 mg/l (IC50 algea (72 h) mg/l)

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)

Log Pow: 0.14

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

12.6. Other adverse effects
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
No additional information available

SECTION 14: Transport information

In accordance with ADR / IATA / IMDG

14.1. UN number
UN-No. (ADR): 1219
UN-No. (IMDG): 1219
UN-No. (IATA): 1219

14.2. UN proper shipping name
Proper Shipping Name (ADR): ISOPROPANOL (ISOPROPYL ALCOHOL)
Proper Shipping Name (IMDG): ISOPROPANOL (ISOPROPYL ALCOHOL)
Proper Shipping Name (IATA): Isopropanol

Transport document description (ADR): UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL) (ISOPROPANOL SOLUTION), 3, II, (D/E)
Transport document description (IMDG): UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL), 3, II (12°C c.c.)
Transport document description (IATA): UN 1219 Isopropanol, 3, II

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR): 3
Danger labels (ADR): 3

IMDG
Transport hazard class(es) (IMDG): 3
Danger labels (IMDG): 3

IATA
Transport hazard class(es) (IATA): 3
Hazard labels (IATA): 3

14.4. Packing group
Packing group (ADR): II
Packing group (IMDG): II
Packing group (IATA): II

14.5. Environmental hazards
Dangerous for the environment: No
Marine pollutant: No
Other information: No supplementary information available

14.6. Special precautions for user
Overland transport
Classification code (ADR): F1
Special provisions (ADR): 601
Limited quantities (ADR): 1
Excepted quantities (ADR): E2
Packing instructions (ADR): P001, IBC02, R001
Mixed packing provisions (ADR): MP19
Portable tank and bulk container instructions (ADR): T4
Portable tank and bulk container special provisions (ADR): TP1
Tank code (ADR): LGBF
Vehicle for tank carriage: FL
Transport category (ADR): 2
Special provisions for carriage - Operation (ADR): S2, S20
Hazard identification number (Kemler No.): 33
Orange plates:

Tunnel restriction code (ADR): D/E
EAC code: •2YE

Transport by sea
Limited quantities (IMDG): 1 L
Excepted quantities (IMDG): E2
Packing instructions (IMDG): P001
IBC packing instructions (IMDG): IBC02
Tank instructions (IMDG): T4
Tank special provisions (IMDG): TP1
EmS-No. (Fire): F-E
EmS-No. (Spillage): S-D
Stowage category (IMDG): B
Flash point (IMDG): 12°C c.c.
Properties and observations (IMDG): Colourless, mobile liquid. Flashpoint: 12°C c.c. Explosive limits: 2% to 12% Miscible with water.

Air transport
PCA Excepted quantities (IATA): E2
PCA Limited quantities (IATA): Y341
PCA limited quantity max net quantity (IATA): 1L
PCA packing instructions (IATA): 353
PCA max net quantity (IATA): 5L
CAO packing instructions (IATA): 364
CAO max net quantity (IATA): 60L
**Special provisions (IATA):** A180

**ERG code (IATA):** 3L

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

**IBC code:** Not applicable.

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

- Contains no REACH substances with Annex XVII restrictions
- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances
- Directive 2012/18/EU (SEVESO III)

#### 15.1.2. National regulations

**United Kingdom**

British National Regulations:

- Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>H-Statements</th>
<th>EUH-Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation, Category 2</td>
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<tr>
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<td>Flammable liquids, Category 2</td>
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<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity — Single exposure, Category 3, Narcosis</td>
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### SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.