

## Tuch ProSat

pure<sup>11</sup>-Nr.: 06218, Hersteller: CONTEC



### Zusammenfassung

- Neue pure11-Artikelnummer (ab 01.07.2023): 1106218
- Material: Polyester/Zellulose
- Gewicht: 53 g/m<sup>2</sup>
- Tränkung: 70% IPA / 30% DI-Wasser
- Vliesstoff (54% Zellulose/46% Polyester)
- Hydroverfestigt (nonwoven)
- Fusselarm
- Gammasterilisiert (inkl. Sterilisationszertifikat)
- Lieferform: gefaltet

### Empfohlene Reinraumklassen

ISO  3  4  5  6  7  8  9

GMP   A/B  C  D

### Produktvarianten

pure<sup>11</sup>-Nr.: 062182328

Farbe: Weiß / Maße: 23 x 28 cm (9 x 11") / Herst.-Nr.: PSC20005-BPR / VE: 1.400 Stück

Quelle: <https://www.pure11.de/tuch-prosat-8>

# PROSAT Theta Wipes

**Cellulose/polyester nonwoven wipes presaturated with 70% IPA and deionised water**

PROSAT Theta wipes are manufactured from 54g/m<sup>2</sup> lightweight hydroentangled cellulose/polyester and saturated with 70% IPA and deionised water.

Cellulose/polyester wipes are a cost-effective cleanroom wipe, with low levels of particles and fibres. Highly sorbent with good wet strength, the wipes can be used for many general cleaning applications. Ideal for wiping articles prior to pass through, routine cleaning and wipe down of lab tools, instruments and other equipment.

The wipes are provided in convenient and easy-to-use peel and reseal pouches. The resealable pouches preserve solvent saturation and cleanliness. PROSAT Sterile Theta wipes are gamma irradiated and validated per AAMI Guidelines to a 10<sup>-6</sup> SAL, so can be used in all grades of life science cleanroom.

When used as a disinfectant, the IPA wipes are efficacious against bacteria in 1 min and yeasts in 3 mins. PROSAT Theta wipes are authorised for sale in the EU and United Kingdom under the EU and GB Biocidal Products Regulation.



| FEATURES  | BENEFITS  |
|---|---|
| <b>Hydroentangled cellulose / polyester fabric</b>  | <ul style="list-style-type: none"> <li>Highly sorbent with good wet strength</li> <li>Low in particles and fibres</li> <li>Excellent general purpose wipe</li> </ul>      |
| <b>No binders or additives</b>  | <ul style="list-style-type: none"> <li>Leaves no residue on the cleanroom surface</li> </ul>  |
| <b>Presaturated wipes</b>   | <ul style="list-style-type: none"> <li>Reduces solvent usage and VOC emissions</li> <li>Ensures consistent saturation of each wipe independent of the operator</li> </ul> |
| <b>Resealable pouch</b>   | <ul style="list-style-type: none"> <li>Maintains saturation levels throughout use and makes wipe removal easy</li> </ul>  |
| <b>Validated sterile via gamma irradiation to a 10<sup>-6</sup> Sterility Assurance Level</b> | <ul style="list-style-type: none"> <li>Suitable for use in Grade A/B cleanrooms</li> </ul>  |

| Description  | Part No.     | Size        | Packaging                               |
|--|--------------|-------------|---|
| PROSAT Sterile Theta Wipes<br>Presaturated with 70% IPA and 30% DI Water | PSC20005-BPR | 230 x 280mm | 50 wipes per pouch; 40 pouches per case |
| PROSAT Theta Wipes<br>Presaturated with 70% IPA and 30% DI Water         | PSC20006-BPR | 230 x 280mm | 50 wipes per pouch; 28 pouches per case |

For more information or to request a sample, email [infoeu@contecinc.com](mailto:infoeu@contecinc.com) or phone +33 (0)2 97 43 76 98.

Use biocides safely. Always read the label and product information before use.

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### Product Information

|              |  |
|--------------|--|
| Material     | 54% cellulose / 46% polyester                        |
| Construction | Hydroentangled                                       |
| Saturant     | 70% IPA (USP Grade) with 30% Deionised Water         |
| Sterility    | Gamma irradiated to a validated SAL 10 <sup>-6</sup> |
| Shelf life   | Sterile: 2 years from manufacturing date             |
| Environment  | ISO 5 - 8 Grade A/B for sterile , C/D for nonsterile |



### Technical Data

| Attribute (units)                                   | Typical Value | Test Method                 |
|---|---------------|-----------------------------|
| Basis weight; nominal (g/m <sup>2</sup> )           | 54            | Contec Method               |
| Non-volatile residue, NVR                           |               | IEST-RP-CC004.3, Sec. 7.1.2 |
| In deionized water; (g/m <sup>2</sup> )             | 0.037         |                             |
| In isopropanol; (g/m <sup>2</sup> )                 | ND            |                             |
| Specific ions                                       |               | IEST-RP-CC004.3, Sec. 7.2.2 |
| Sodium; (ppm)                                       | 11.9          |                             |
| Chloride; (ppm)                                     | 18.2          |                             |
| Particles, readily releasable                       |               |                             |
| P ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )      | 18.6          | IEST-RP-CC004.2, Sec. 5.1   |
| Fibres > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> ) | 21.7          | IEST-RP-CC004.2, Sec. 5.2   |



### VOC Content

|              | Per case / kg | Per pouch / kg |
|--------------|---------------|----------------|
| PSC20005-BPR | 8.45          | 0.30           |
| PSC20006-BPR | 8.96          | 0.32           |



### Efficacy Information

| Test    | Organism         | Log Red'n | Time  | Test    | Organism            | Log Red'n | Time  |
|---------|------------------|-----------|-------|---------|---------------------|-----------|-------|
| EN16615 | <i>E. hirae</i>  | >5.03     | 1 min | EN16615 | <i>P.aeruginosa</i> | >5.09     | 1 min |
| EN16615 | <i>S. aureus</i> | >5.32     | 1 min | EN16615 | <i>C.albicans</i>   | >4.06     | 3 min |

### Packaging

|   |   |                |                |               |              |
|---|---|----------------|----------------|---------------|--------------|
| Packaging Materials                                     |   |                |                |               |              |
| Outer bags  | Low density polyethylene (LDPE)  |                |                |               |              |
| Case  | Corrugated fibreboard (PAP)      |                |                |               |              |
| Packaging Configuration                                 | <b>EA/PCH</b>   | <b>PCH/OB1</b> | <b>OB1/OB2</b> | <b>OB2/CS</b> | <b>EA/CS</b> |
| PSC20005-BPR  | 50  | 1*             | 7              | 4             | 1400         |
| PSC20006-BPR  | <b>EA/PCH</b>   | <b>PCH/OB1</b> | <b>OB1/CS</b>  | <b>EA/CS</b>  |              |
|   | 50  | 4              | 7              | 1400          |              |
| EA = Wipe, PCH = Pouch, OB = Outer Bag 1/2/3/ CS = Case |   |                |                |               |              |
| * Not suitable for recycling.                           |   |                |                |               |              |

### Recycling Key

|      |   |
|------|---|
| LDPE |  |
| PAP  |  |

### Notes

- a) The data shown are typical values and should not be used as product specifications.
- b) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- c) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

### Test Methods

- 1) CTM Contec Test Method
- 2) IEST-RP-CC004.3 Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of environmental Sciences and Technology, Rolling Meadows IL.

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

### 1.1. Product identifier

|  |   |
|--|---|
| Trade name or designation of the mixture | Contec IPA Wipes  |
| Registration number                      | -   |
| UFI:                                     | U060-603C-V00S-GE6T   |
| Synonyms                                 | None.   |
| SDS number                               | 7030LQSCBPR   |
| Product code                             | PS-7030IR-BPR, PS-840IR-BPR, PS-850-BPR, PS-850E-BPR, PS-911-BPR, PS-911EB-BPR, PS-911LE-BPR, PSC20001-BPR, PSC20002-BPR, PSC20005-BPR, PSC20006-BPR, PSCP0001-BPR, PSCS0009-BPR, PSCS0012-BPR, PS-HS9-7030-BPR, PSME0001-BPR, PSPP0039-BPR, PSPP0043-BPR, PSPS0047-BPR, PSPS0076-BPR, PSPS0077-BPR, PSPS0091-BPR, PSWE0001-BPR, PSWE0003-BPR, SAT-C1-7030-BPR, SAT-C1-7030/18-BPR, SAT-C3-7030-BPR, SAT-C3-7030/18-BPR |
| Issue date                               | 28-June-2021  |
| Version number                           | 01  |
| Revision date                            | -   |
| Supersedes date                          | -   |

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

|                      |  |
|----------------------|--|
| Identified uses      | Wipe for critical disinfection.<br><br>Biocidal products:<br>PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)<br>PT04 - Food and feed area (Disinfectants)<br>BPR Authorisation number: EU-0020460-0002 1-2 |
| Uses advised against | Restricted to professional users.  |

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

#### Authorisation holder:

|              |   |
|--------------|---|
| Company name | Contec Cleanroom (UK) Ltd.  |
| Address      | Wansbeck Business Park<br>Rotary Parkway, Ashington<br>NE63 8QW<br>UK |
| Telephone    | +44 1633 928100   |

#### Manufacturer:

|              |  |
|--------------|--|
| Company name | Contec, Inc.                                     |
| Address      | 525 Locust Grove<br>Spartanburg, SC 29303<br>USA |
| Telephone    | +1-864-503-8333                                  |

#### Customer service:

|         |                       |
|---------|-----------------------|
| Hotline | +33 (0) 2 97 43 76 98 |
| Email   | SDS@contecinc.com     |

### 1.4. Emergency telephone number

Call CHEMTREC day or night: +1 703 527 3887 (24 hours)  
  
In England, Scotland and Wales you can contact NHS 111 / NHS 24 by dialling 111.

|               |   |
|---------------|---|
| General in EU | 112 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.) |
|---------------|---|

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Physical hazards

|                   |            |  |
|-------------------|------------|--|
| Flammable liquids | Category 2 | H225 - Highly flammable liquid and vapour. |
|-------------------|------------|--|

##### Health hazards

|                                   |            |                                       |
|-----------------------------------|------------|---------------------------------------|
| Serious eye damage/eye irritation | Category 2 | H319 - Causes serious eye irritation. |
|-----------------------------------|------------|---------------------------------------|

|  |                             |   |
|--|-----------------------------|---|
| Specific target organ toxicity - single exposure | Category 3 narcotic effects | H336 - May cause drowsiness or dizziness. |
|--|-----------------------------|---|

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

UFI: U060-603C-V00S-GE6T

Contains: Propan-2-ol

##### Hazard pictograms



Signal word: Danger

##### Hazard statements

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

#### Precautionary statements

##### Prevention

|      |  |
|------|--|
| P101 | If medical advice is needed, have product container or label at hand.                          |
| P102 | Keep out of reach of children.   |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed.   |
| P240 | Ground and bond container and receiving equipment.   |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment.                                 |
| P242 | Use non-sparking tools.  |
| P243 | Take action to prevent static discharges.  |
| P261 | Avoid breathing mist/vapours.  |
| P264 | Wash thoroughly after handling.  |
| P271 | Use only outdoors or in a well-ventilated area.  |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection.                     |

##### Response

|                    |  |
|--------------------|--|
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P304 + P340        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P312               | Call a POISON CENTRE or doctor/physician if you feel unwell.   |
| 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 alcohol resistant foam for extinction.  |

##### Storage

|             |  |
|-------------|--|
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P405        | Store locked up.                             |

##### Disposal

|      |   |
|------|---|
| P501 | Dispose of contents/container in accordance with local/regional/national/international regulations. |
|------|---|

#### Supplemental information on the label

Biocidal Products Regulation (EU) No 528/2012 : Authorisation number EU-0020460-0002 1-2. EUH066 - Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

| Chemical name | %    | CAS-No. / EC No.     | REACH Registration No. | Index No.    | Notes |
|---------------|------|----------------------|------------------------|--------------|-------|
| Propan-2-ol   | 62.9 | 67-63-0<br>200-661-7 | -                      | 603-117-00-0 | #     |

**Classification:** Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336

#### List of abbreviations and symbols that may be used above

#: This substance has workplace exposure limit(s).

**Composition comments** The full text for all H-statements is displayed in section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 4.1. Description of first aid measures

**Inhalation** Not relevant, due to the form of the product. However: If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison centre or doctor/physician if you feel unwell.

**Skin contact** Remove contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**Ingestion** Not relevant, due to the form of the product. However: If swallowed, seek medical advice immediately and show this container or label. DO NOT induce vomiting because of danger of aspirating liquid into lungs. Never give anything by mouth to an unconscious person. Rinse mouth. If the individual is unconscious, place individual in left sideways (recovery) position with the head lowered and the knees bent. Keep the individual calm and at rest, conserve body temperature and control breathing. If necessary check for pulse and initiate artificial respiration.

**4.2. Most important symptoms and effects, both acute and delayed** Headache. Vertigo. Hallucinations. Respiratory depression. Central nervous system depression. Coma. Severe irritation of the eyes and or ocular damage. Nausea, vomiting. Diarrhoea. Hemorrhagic gastritis. Pulmonary aspiration hazard may induce pneumonia, hypotension and hypoglycemia. Repeated exposure may cause skin dryness or cracking.

**4.3. Indication of any immediate medical attention and special treatment needed** Monitor vital signs and provide symptomatic and supportive treatment. Evaluate endoscopic procedure in case of ingestion. Monitor glycaemia and ketones. In case of ingestion, Ipecac-induced emesis is not recommended. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

## SECTION 5: Firefighting measures

**General fire hazards** Solid containing flammable liquid.

### 5.1. Extinguishing media

**Suitable extinguishing media** Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** May burn with invisible flame. Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. Carbon oxides. Organic compounds.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire fighting procedures** In case of fire and/or explosion do not breathe fumes. Cool containers exposed to flames with water. Move containers from fire area if you can do so without risk.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

**6.3. Methods and material for containment and cleaning up** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Avoid release to the environment. The liquid solvent solution is miscible in water. Spills are very unlikely, because the wiper fabric has absorbed the liquid solvent solution. In the event of a spill, contain with an inert absorbent. Collect the wipes with a non sparking tool and absorb or wipe any residual liquids. Used wipes must be disposed in a closed container.

Never return spills to original containers for re-use.

**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** WARNING! Used wipes may catch fire if improperly discarded or stored near ignition sources. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. For use in cleanrooms, adequate technical/engineering controls to remove airborne residues is mandatory e.g. room ventilation or LEV. Avoid breathing mist/vapours. Avoid contact with skin, eyes and clothing. Avoid prolonged exposure. Wash hands and exposed skin before meals and after use. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**7.2. Conditions for safe storage, including any incompatibilities** Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Keep in original container. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Keep containers closed when not in use. Store away from incompatible materials (see section 10 of the SDS). Shelf life 2 years.

**7.3. Specific end use(s)** PC8: Biocidal products  
PC35: Washing and cleaning products

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### UK. EH40 Workplace Exposure Limits (WELs)

| Components                | Type | Value                  |
|---------------------------|------|------------------------|
| Propan-2-ol (CAS 67-63-0) | STEL | 1250 mg/m <sup>3</sup> |
|                           |      | 500 ppm                |
|                           | TWA  | 999 mg/m <sup>3</sup>  |
|                           |      | 400 ppm                |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

### 8.2. Exposure controls

**Appropriate engineering controls** Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Provide eyewash station and safety shower.

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

**General information** Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

|  |  |
|--|--|
| <b>Eye/face protection</b>             | Not necessary under normal conditions. If splashing is possible, wear safety glasses with side shields (or goggles). Eye protection should meet standard EN 166.   |
| <b>Skin protection</b>                 |  |
| <b>- Hand protection</b>               | Wear appropriate chemical resistant gloves. Take note of the information given by the manufacturer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).<br>Recommended materials: Polyethylene. Neoprene. Chlorinated polyethylene (or Chlorosulfonated polyethylene). Natural rubber. Polyvinyl chloride (PVC). Nitrile rubber/Nitrile latex - NBR Ethyl vinyl alcohol laminate ("EVAL").<br>Unsuitable materials: Polyvinyl alcohol (PVA). The protective gloves to be used must comply with the specifications of Regulation (EU) 2016/425. |
| <b>- Other</b>                         | Wear suitable protective clothing.   |
| <b>Respiratory protection</b>          | Not necessary under normal conditions. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapour cartridge and full facepiece. Check with respiratory protective equipment suppliers. Follow guidance on selection, use, care and maintenance in accordance with EN 529.   |
| <b>Thermal hazards</b>                 | Wear appropriate thermal protective clothing, when necessary.  |
| <b>Hygiene measures</b>                | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.   |
| <b>Environmental exposure controls</b> | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.   |

## SECTION 9: Physical and chemical properties

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

#### Appearance

|   |  |
|---|--|
| <b>Physical state</b>                               | Liquid.                                    |
| <b>Form</b>   | Wipes saturated with liquid.               |
| <b>Colour</b>                                       | Colourless.                                |
| <b>Odour</b>  | Alcohol-like.                              |
| <b>Odour threshold</b>                              | Not available.                             |
| <b>pH</b>   | Property has not been measured.            |
| <b>Melting point/freezing point</b>                 | Property has not been measured.            |
| <b>Initial boiling point and boiling range</b>      | 82 - 89 °C (179.6 - 192.2 °F) (liquid)     |
| <b>Flash point</b>                                  | 20.5 °C (68.9 °F) (liquid)                 |
| <b>Evaporation rate</b>                             | Property has not been measured.            |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                            |
| <b>Upper/lower flammability or explosive limits</b> |  |
| <b>Explosive limit - lower (%)</b>                  | 2 % (liquid)                               |
| <b>Explosive limit – upper (%)</b>                  | 12 % (liquid)                              |
| <b>Vapour pressure</b>                              | 43 hPa (32 mm Hg) (20 °C (68 °F) (liquid)) |
| <b>Vapour density</b>                               | Property has not been measured.            |
| <b>Relative density</b>                             | 0.872 (20 °C (68 °F) (liquid))             |
| <b>Solubility(ies)</b>                              |  |
| <b>Solubility (water)</b>                           | Soluble in water. (liquid)                 |
| <b>Partition coefficient (n-octanol/water)</b>      | Not applicable to mixtures.                |
| <b>Auto-ignition temperature</b>                    | 399 °C (750.2 °F) (liquid)                 |
| <b>Decomposition temperature</b>                    | Property has not been measured.            |
| <b>Viscosity</b>                                    | Property has not been measured.            |
| <b>Explosive properties</b>                         | Not explosive.                             |
| <b>Oxidising properties</b>                         | Not oxidising.                             |
| <b>9.2. Other information</b>                       |  |
| <b>Density</b>                                      | 129.28 mg/m3                               |



|                            |                                 |
|----------------------------|---------------------------------|
| <b>Kinematic viscosity</b> | Property has not been measured. |
| <b>Percent volatile</b>    | 100 % (IPA)                     |

## SECTION 10: Stability and reactivity

|   |  |
|---|--|
| <b>10.1. Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.  |
| <b>10.2. Chemical stability</b>                 | Material is stable under normal conditions.  |
| <b>10.3. Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.  |
| <b>10.4. Conditions to avoid</b>                | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>10.5. Incompatible materials</b>             | Aldehydes. Halogenated organics. Halogens. Strong acids. Strong oxidising agents.  |
| <b>10.6. Hazardous decomposition products</b>   | Combustion may produce: Oxides of carbon and other organic substances.   |

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.                 |
| <b>Skin contact</b> | Repeated exposure may cause skin dryness or cracking.   |
| <b>Eye contact</b>  | Causes serious eye irritation.  |
| <b>Ingestion</b>    | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. |

**Symptoms** Headache. Vertigo. Hallucinations. Respiratory depression. Central nervous system depression. Coma. Severe irritation of the eyes and or ocular damage. Nausea, vomiting. Diarrhoea. Hemorrhagic gastritis. Pulmonary aspiration hazard may induce pneumonitis, hypotension and hypoglycemia. Repeated exposure may cause skin dryness or cracking.

### 11.1. Information on toxicological effects

**Acute toxicity** Not expected to be acutely toxic.

| Product                        | Species | Test Results |
|--------------------------------|---------|--------------|
| Contec IPA Wipes (CAS Mixture) |         |              |
| <b>Acute</b>                   |         |              |
| <b>Dermal</b>                  |         |              |
| LD50                           | Rabbit  | 12800 mg/kg  |
| <b>Oral</b>                    |         |              |
| LD50                           | Mouse   | 3600 mg/kg   |
|                                | Rat     | 5045 mg/kg   |

**Skin corrosion/irritation** Repeated exposure may cause skin dryness or cracking.

**Serious eye damage/eye irritation** Causes serious eye irritation.

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

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

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

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

**Specific target organ toxicity - single exposure** May cause drowsiness or dizziness.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Due to the physical form of the product it is not expected to be an aspiration hazard.

**Mixture versus substance information** No information available.

**Other information** Prolonged inhalation may be harmful.

## SECTION 12: Ecological information

**12.1. Toxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

|  |   |
|--|---|
| <b>12.2. Persistence and degradability</b>             | No data is available on the degradability of any ingredients in the mixture.  |
| <b>12.3. Bioaccumulative potential</b>                 | Bioconcentration potential is low.  |
| <b>Partition coefficient n-octanol/water (log Kow)</b> |   |
| Propan-2-ol (CAS 67-63-0)                              | 0.05  |
| <b>Bioconcentration factor (BCF)</b>                   | Not available.  |
| <b>12.4. Mobility in soil</b>                          | Isopropyl alcohol is highly mobile in soil.   |
| <b>12.5. Results of PBT and vPvB assessment</b>        | This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. |
| <b>12.6. Other adverse effects</b>                     | The product contains a volatile organic compound which has a photochemical ozone creation potential.                      |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                     |   |
|-------------------------------------|---|
| <b>Residual waste</b>               | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.   |
| <b>Contaminated packaging</b>       | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.   |
| <b>EU waste code</b>                | The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.  |
| <b>Disposal methods/information</b> | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Used wipes must be disposed in a closed container. Dispose of used wipes by dry waste to landfill. |
| <b>Special precautions</b>          | Dispose in accordance with all applicable regulations.  |

## SECTION 14: Transport information

### ADR

|   |  |
|---|--|
| <b>14.1. UN number</b>                    | UN3175   |
| <b>14.2. UN proper shipping name</b>      | Solids containing flammable liquid, n.o.s. (Isopropanol), Limited Quantity                       |
| <b>14.3. Transport hazard class(es)</b>   |  |
| Class                                     | 4.1  |
| Subsidiary risk                           | -  |
| Label(s)                                  | 4.1  |
| Hazard No. (ADR)                          | 40   |
| Tunnel restriction code                   | E  |
| <b>14.4. Packing group</b>                | II   |
| <b>14.5. Environmental hazards</b>        | No.  |
| <b>14.6. Special precautions for user</b> | Transport category: 2<br>Read safety instructions, SDS and emergency procedures before handling. |

### RID

|   |  |
|---|--|
| <b>14.1. UN number</b>                    | UN3175   |
| <b>14.2. UN proper shipping name</b>      | Solids containing flammable liquid, n.o.s. (Isopropanol), Limited Quantity |
| <b>14.3. Transport hazard class(es)</b>   |  |
| Class                                     | 4.1  |
| Subsidiary risk                           | -  |
| Label(s)                                  | 4.1  |
| <b>14.4. Packing group</b>                | II   |
| <b>14.5. Environmental hazards</b>        | No.  |
| <b>14.6. Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling.    |

### ADN

|   |  |
|---|--|
| <b>14.1. UN number</b>                  | UN3175   |
| <b>14.2. UN proper shipping name</b>    | Solids containing flammable liquid, n.o.s. (Isopropanol), Limited Quantity |
| <b>14.3. Transport hazard class(es)</b> |  |
| Class                                   | 4.1  |
| Subsidiary risk                         | -  |
| Label(s)                                | 4.1  |
| <b>14.4. Packing group</b>              | II   |
| <b>14.5. Environmental hazards</b>      | No.  |

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IATA

**14.1. UN number** UN3175

**14.2. UN proper shipping name** Solids containing flammable liquid, n.o.s. (Isopropanol)

**14.3. Transport hazard class(es)**

**Class** 4.1

**Subsidiary risk** -

**14.4. Packing group** II

**14.5. Environmental hazards** No.

**ERG Code** 3L

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IMDG

**14.1. UN number** UN3175

**14.2. UN proper shipping name** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Isopropanol), Limited Quantity

**14.3. Transport hazard class(es)**

**Class** 4.1

**Subsidiary risk** -

**14.4. Packing group** II

**14.5. Environmental hazards**

**Marine pollutant** No.

**EmS** F-A, S-I

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## SECTION 15: Regulatory information

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

#### Retained direct EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**  
Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**  
Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**  
Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**  
Not listed.

**UFI:** U060-603C-V00S-GE6T

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended**  
Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**  
Propan-2-ol (CAS 67-63-0)

## Other EU regulations

### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

## Other regulations

This product is classified and labelled in accordance with the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain. This Safety Data Sheet is compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended. Biocidal Products Regulation (EU) No 528/2012 as amended.

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CEN: European Committee for Standardization.

IATA: International Air Transport Association.

IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.

IMDG: International Maritime Dangerous Goods.

MARPOL: International Convention for the Prevention of Pollution from Ships.

PBT: Persistent, bioaccumulative and toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit.

TWA: Time Weighted Average.

vPvB: Very persistent and very bioaccumulative.

### References

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

ECHA: European Chemical Agency.

IARC Monographs. Overall Evaluation of Carcinogenicity

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any H-statements not written out in full under Sections 2 to 15

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

### Revision information

None.

### Training information

Follow training instructions when handling this material.

### Disclaimer

Contec, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.