



Tuch ProSat

pure¹¹-Nr.: 06221, Hersteller: CONTEC



Zusammenfassung

- Neue pure11-Artikelnummer (ab 01.07.2023): 1106221
- Material: Polyester
- Gewicht: 69 g/m²
- Tränkung: 70% IPA / 30% DI-Wasser
- Vliesstoff aus 100% Polyester (Nonwoven), hydroverfestigt
- Sehr weiches Vlies
- Hochreines DuPont-Material
- Gammasterilisiert (inkl. Sterilisationszertifikat)
- Lieferform: gefaltet

Empfohlene Reinraumklassen

ISO 3 4 5 6 7 8 9

GMP A/B C D

Produktvarianten

pure¹¹-Nr.: 062212323

Farbe: Weiß / Maße: 23 x 23 cm (9 x 9") / Herst.-Nr.: PS-7030IR-BPR / VE: 800 Stück

Quelle: <https://www.pure11.de/tuch-prosat-9>

PROSAT Sterile Delta Wipes

100% nonwoven wipes with 70% IPA & 30% Deionised Water

PROSAT Sterile Delta Wipes are made from a 100% nonwoven polyester fibers which are hydroentangled together using no binders or additives. The resulting fabric is extremely soft, clean and strong. The wipes are very low in particles, fibres, and extractables.

PROSAT Sterile Delta Wipes are a cost-effective polyester wipe with excellent cleanliness and wet strength, the wipes can be used for many general cleaning and disinfecting applications.

The wipes are sterilized by gamma radiation and validated sterile to AAMI Guidelines so are ideal for use in higher grade pharmaceutical cleanrooms. Presaturated wipes ensure consistent saturation of each wipe independent of operator.

Presaturated wipes can increase solvent control and accountability as well as reduce VOC emissions. The wipes are provided in convenient and easy to use peel and reseal pouches.



Features	Benefits
100% hydroentangled polyester fabric	<ul style="list-style-type: none"> Highly sorbent with good wet strength Low in particles and fibres Cost effective polyester wipe
No binders or additives	<ul style="list-style-type: none"> Extremely soft fabric Leaves no residue on the cleanroom surface
Presaturated wipes	<ul style="list-style-type: none"> Reduces solvent usage and VOC emissions Ensures consistent saturation of each wipe independent of the operator
Resealable pouch	<ul style="list-style-type: none"> Wipes are provided in a resealable pouch for ease of use and convenience
Validated sterile via gamma irradiation to a 10⁻⁶ Sterility Assurance Level	<ul style="list-style-type: none"> Suitable for use in Grade A/B cleanrooms


Description	Part No.	Size	Packaging
PROSAT Sterile Delta Wipes Presaturated with 70% IPA and 30% DI Water	PS-7030IR-BPR	230 x 230mm	20 wipes per pouch; 40 pouches per case

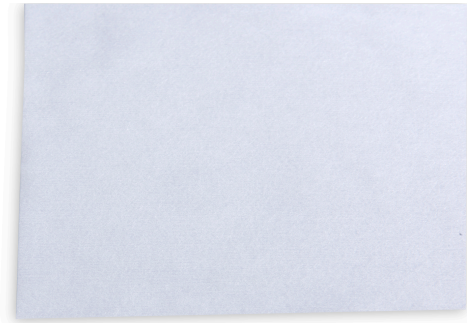
For more information or to request a sample, email infoeu@contecinc.com or phone +33 (0)2 97 43 76 98.

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

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Product Information

Material	100% Polyester (PET) 
Construction	Hydroentangled
Saturant	70% IPA (USP Grade) with 30% Deionised Water
Sterility	Gamma irradiated to a validated SAL 10 ⁻⁶
Shelf life	2 years from manufacturing date
Environment	ISO 5 - 8 Grade A/B



Technical Data

Attribute (units)	Typical Value	Test Method
Basis weight; nominal (g/m ²)	67	Contec Method
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.055	
In isopropanol; (g/m ²)	0.008	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	1.9	
Chloride; (ppm)	4.7	
Particles, readily releasable		
P ≥ 0.5µm; (x10 ⁶ /m ²)	39.3	IEST-RP-CC004.2, Sec. 5.1
Fibres > 100µm; (x10 ³ /m ²)	10.4	IEST-RP-CC004.2, Sec. 5.2



VOC Content

	Per case / kg	Per pouch / kg
PSWE0001-BPR	7.07	0.18




Efficacy Information

Test	Organism	Log Red'n	Time	Test	Organism	Log Red'n	Time
EN16615	<i>E. hirae</i>	>7.47	1 min	EN16615	<i>P.aeruginosa</i>	>7.97	1 min
EN16615	<i>S. aureus</i>	>7.68	1 min	EN16615	<i>C.albicans</i>	>6.45	3 min

Packaging

Packaging Materials						
Outer bags	Low density polyethylene (LDPE) 					
Case	Corrugated fibreboard (PAP) 					
Packaging Configuration	EA/PCH	PCH/OB1	OB1/OB2	OB2/OB3	OB3/CS	EA/CS
PS-7030IR-BPR	20	1	10	1	4	800
EA = Wipe, PCH = Pouch, OB = Outer Bag 1/2/3/ CS = Case						

Recycling Key

PET	
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. Biocidal products: PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants) PT04 - Food and feed area (Disinfectants) 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 Rotary Parkway, Ashington NE63 8QW UK
Telephone	+44 1633 928100

Manufacturer:

Company name	Contec, Inc.
Address	525 Locust Grove Spartanburg, SC 29303 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.)
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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	67-63-0 200-661-7	-	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 (CO₂).

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 ³
		500 ppm
	TWA	999 mg/m ³
		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.

Eye/face protection	Not necessary under normal conditions. If splashing is possible, wear safety glasses with side shields (or goggles). Eye protection should meet standard EN 166.
Skin protection	
- Hand protection	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). Recommended materials: Polyethylene. Neoprene. Chlorinated polyethylene (or Chlorosulfonated polyethylene). Natural rubber. Polyvinyl chloride (PVC). Nitrile rubber/Nitrile latex - NBR Ethyl vinyl alcohol laminate ("EVAL"). Unsuitable materials: Polyvinyl alcohol (PVA). The protective gloves to be used must comply with the specifications of Regulation (EU) 2016/425.
- Other	Wear suitable protective clothing.
Respiratory protection	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.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	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.
Environmental exposure controls	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

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

Kinematic viscosity	Property has not been measured.
Percent volatile	100 % (IPA)

SECTION 10: Stability and reactivity

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

Inhalation	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	Repeated exposure may cause skin dryness or cracking.
Eye contact	Causes serious eye irritation.
Ingestion	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)		
Acute		
Dermal		
LD50	Rabbit	12800 mg/kg
Oral		
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.

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	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.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	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.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

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	-
Label(s)	4.1
Hazard No. (ADR)	40
Tunnel restriction code	E
14.4. Packing group	II
14.5. Environmental hazards	No.
14.6. Special precautions for user	Transport category: 2 Read safety instructions, SDS and emergency procedures before handling.

RID

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	-
Label(s)	4.1
14.4. Packing group	II
14.5. Environmental hazards	No.
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

ADN

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	-
Label(s)	4.1
14.4. Packing group	II
14.5. Environmental hazards	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.

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