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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 (Unique Formula Identifier): U060-603C-V00S-GE6T

Synonyms None.

SDS number 7030LQSCBPR

Product code HCPS6044, PS-314-BPR, PS-314IR-BPR, 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, PSCS0009B, PSCS0012-BPR, PS-HS9-7030-BPR, PSME0001-BPR, PSPP0039-BPR, PSPP0043-BPR, PSPS0044, PSPS0047-BPR, PSPS0076-BPR, PSPS0077-BPR, PSPS0091-BPR, PSRF1212-BPR, PSRF1212IR-BPR, PSRF99-BPR, PSRF99IR-BPR, PSTA0021-BPR, PSTA0022-BPR, PSWE0001-BPR, PSWE0003-BPR, SAT-C1-7030-BPR, SAT-C1-7030/18-BPR, SAT-C3-7030-BPR, SAT-C3-7030/18-BPR, PSPS0088-BPR

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 For professional use only.

1.3. Details of the supplier of the safety data sheet

Authorisation holder:

Company name Contec Europe
Address ZI du Prat – RP3707
56037 Vannes
France
Telephone +33 (0) 2 97 43 76 98

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)

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.
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Health hazards

Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
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Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.
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2.2. Label elements

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

UFI (Unique Formula Identifier): 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 only 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/doctor 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, water fog 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.
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Supplemental information on the label

Biocidal Products Regulation (EU) No 528/2012 : Authorisation number EU-0020460-0002 1-2.

Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

This mixture does not contain any substances that meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of Regulation (EC) No 1907/2006 at a concentration of equal to or greater than 0.1% w/w.

The mixture does not contain any substances included in the list established in accordance with REACH Article 59(1) for having endocrine disrupting properties at a concentration equal to or greater than 0.1% by weight.

The mixture does not contain any substances having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1% by weight.

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

Composition comments

All concentrations are in percent by weight. The full text for all H-statements is displayed in section 16.

Components not listed are either non-hazardous or are below reportable limits.

SECTION 4: First aid measures**General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

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 physician if symptoms develop or persist.

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 pneumonitis, 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.
Small fires: 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 in original container. Keep containers closed when not in use. Keep away from heat, sparks and open flame. Keep in an area equipped with sprinklers. Store in a well-ventilated place. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

Shelf life 2 years.

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

ANNEX 1, PART 1 Categories of dangerous substances
Hazard categories in accordance with Regulation (EC) No 1272/2008
- P5a, b or c FLAMMABLE LIQUIDS (Lower-tier requirements = 50 tonnes; Upper-tier requirements = 200 tonnes)

Storage class (TRGS 510): 4.1B (Flammable solids)

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

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	TWA	500 mg/m ³
		200 ppm

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value
Propan-2-ol (CAS 67-63-0)	AGW	500 mg/m ³
		200 ppm

Biological limit values

Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling Time
Propan-2-ol (CAS 67-63-0)	25 mg/l	ACETON	Urine	*
	25 mg/l	ACETON	Blood	*

* - For sampling details, please see the source document.

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

Physical state	Liquid.
Form	Wipes saturated with liquid.
Colour	Colourless. Clear.
Odour	Alcoholic
Odour threshold	Property has not been measured.
Melting point/freezing point	Property has not been measured.
Boiling point or initial boiling point and boiling range	> 82 - < 89 °C (> 179,6 - < 192,2 °F) (liquid)
Flammability	Solid containing highly flammable liquid.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	2 % (liquid)
Explosive limit – upper (%)	12 % (liquid)
Flash point	20,5 °C (68,9 °F) (liquid)
Auto-ignition temperature	399 °C (750,2 °F) (liquid)
Decomposition temperature	Property has not been measured.
pH	Property has not been measured.
Kinematic viscosity	Property has not been measured.
Solubility	
Solubility (water)	Completely Soluble (100%)
Partition coefficient (n-octanol/water) (log value)	Not applicable, product is a mixture.
Vapour pressure	43 hPa (32 mm Hg) (20 °C (68 °F) (liquid))
Density and/or relative density	
Density	0,00012928 kg/m ³ (129,28mg/m ³) (Liquid)
Relative density	0,872 (20 °C (68 °F) (liquid))
Vapour density	Property has not been measured.
Particle characteristics	Not applicable. (Cloth with substances which are intentionally released)

9.2. Other information

9.2.1. Information with regard to physical hazard classes No relevant additional information available.

9.2.2. Other safety characteristics

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

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. Protect against direct sunlight.
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 hazard classes as defined in Regulation (EC) No 1272/2008

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

Components	Species	Test Results
Propan-2-ol (CAS 67-63-0)		
Acute		
Dermal		
LD50	Rabbit	12870 mg/kg
Inhalation		
<i>Vapour</i>		
LC50	Rat	72,6 mg/l, 4 hours
Oral		
LD50	Rat	4710 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.

11.2. Information on other hazards

Endocrine disrupting properties	This mixture does not contain any substances having endocrine disrupting properties with respect to human health as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.
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.

Components	Species	Test Results
Propan-2-ol (CAS 67-63-0)		
Aquatic		
<i>Acute</i>		
Crustacea	LC50	Daphnia magna > 10000 mg/l, 24 hours
Fish	LC50	Pimephales promelas 9640 mg/l, 96 hours
<i>Chronic</i>		
Crustacea	EC50	Daphnia magna > 100 mg/l, 21 days
	NOEC	Daphnia magna 141 mg/l, 16 days
		30 mg/l, 21 days

12.2. Persistence and degradability No data is available on the degradability of this product.

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 any substances that meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of Regulation (EC) No 1907/2006 at a concentration of equal to or greater than 0.1% w/w.

12.6. Endocrine disrupting properties This mixture does not contain any substances having endocrine disrupting properties with respect to the environment as assessed in accordance with the criteria set out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605, at a concentration equal to or greater than 0.1% by weight.

12.7. Other adverse effects Product does not contain substances which are persistent, mobile, and toxic (PMT) at levels of 0.1 % or higher.
Product does not contain substances which are very persistent and very mobile (vPvM) 0.1 % or higher.
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. Empty containers should be taken to an approved waste handling site for recycling or disposal. 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. Discourage sewage disposal. Waste should not be disposed of by release to sewers. 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 or ID 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 hazard -

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 or ID 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 hazard -
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 or ID 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 hazard -
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 or ID 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 hazard -
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 or ID 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 hazard -
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. Maritime transport in bulk according to IMO instruments Not established.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EU) No. 2024/590 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 (Unique Formula Identifier): 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 - Conditions of restriction given for the associated entry number should be considered

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended

Not listed.

Other EU regulations

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

ANNEX 1, PART 1 Categories of dangerous substances
Hazard categories in accordance with Regulation (EC) No 1272/2008
- P5a, b or c FLAMMABLE LIQUIDS

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended.

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended
Biocidal Products Regulation (EU) No 528/2012 as amended.

TA Luft 5.2.5 Organic Substances.

Water hazard class

AwSV

WGK1

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: Agreement concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
CEN: European Committee for Standardization.
EC50: Effective Concentration, 50%.
LC50: Lethal Concentration, 50%.
LD50: Lethal Dose, 50%.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
IMO: International Maritime Organization.
MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG).
NOEC: No observed effect concentration.
PBT: Persistent, bioaccumulative and toxic.
PMT: Persistent, Mobile, 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.
vPvM: Very Persistent, Very Mobile.

References

ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
IARC Monographs. Overall Evaluation of Carcinogenicity
ECHA: European Chemical Agency.

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 statements, which are 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.

Training information

Follow training instructions when handling this material.

Issued by

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