



SAFETY DATA SHEET

Contour Disinfectant Wipe

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 23.07.2014

Revision date 26.05.2020

1.1. Product identifier

Product name Contour Disinfectant Wipe

Specification No. L03000000202

Article no.

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

Product group Disinfectant.

Relevant identified uses
SU20 Health services
SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)
PC8 Biocidal Products (e.g. Disinfectants, pest control)
PROC10 Roller application or brushing
ERC11B Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Producer

Company name Contour Design Nordic A/S

Postal address Borupvang 5B, st.tv.

Postcode DK-2750

City Ballerup

Country Denmark

Telephone number +45 70 27 02 27

Fax

Email info@contour-design.com

Website https://contourdesign.dk

Enterprise No. DK 276 512 40

1.4. Emergency telephone number

Emergency telephone Mo.-Fr. +45 70 27 02 27 (working hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]

Flam. Liq. 2; H225; On basis of test data
 Eye Dam. 1; H318; Calculation method
 STOT SE 3; H336; Calculation method

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label

Ethanol 24 g, 1-Propanol 37 g, / 100 g

Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.
 H318 Causes serious eye damage.
 H336 May cause drowsiness or dizziness.

Precautionary statements

P102 Keep out of reach of children.
 P210 Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P280 Wear protective gloves / protective clothing / eye protection / face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 Immediately call a POISON CENTER or doctor / physician.

2.3. Other hazards

Hazard description, general

The product is highly flammable.
 Vapours may cause drowsiness and dizziness.
 Risk of serious damage to eyes.

Environmental effects

This product does not contain any PBT or vPvB substances.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Wipes containing:				
1-Propanol	CAS No.: 71-23-8 EC No.: 200-746-9	Flam. Liq. 2; H225 Eye Dam. 1; H318	30 - 60 %	

	Index No.: 603-003-00-0	STOT SE 3; H336	
	REACH Reg. No.: 01-2119486761-29-xxxx		
Ethanol	CAS No.: 64-17-5	Flam. Liq. 2; H225	15 - 30 %
	EC No.: 200-578-6		
	Index No.: 603-002-00-5		
	REACH Reg. No.: 01-2119457610-43-xxxx		
Substance comments	Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents: >30%: Disinfectant . The full text for all hazard statements is displayed in section 16.		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Remove affected person from source of contamination.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Rinse with water.
Eye contact	Important! Immediately rinse with water for at least 15 minutes. May cause permanent damage if eye is not immediately irrigated. Make sure to remove any contact lenses from the eyes before rinsing. Immediately transport to hospital or eye specialist. Continue flushing during transport to hospital.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
Recommended personal protective equipment for first aid responders	Wear necessary protective equipment. For personal protection, see section 8.

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

Acute symptoms and effects	Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.
Delayed symptoms and effects	Inhalation of high vapour concentrations may cause symptoms such as mild irritation, headache, dizziness, fatigue, nausea and in serious cases unconsciousness.

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

Other information	In case of unconsciousness or eye contact: Immediately call a doctor / ambulance. Show this safety data sheet.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Improper 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

Fire and explosion hazards

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Closed containers can burst violently when heated, due to excess pressure build-up. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Personal protective equipment

Wear necessary protective equipment. For personal protection, see section 8.

Fire fighting procedures

Reference is made to the company fire procedure.
If risk of water pollution occurs, notify appropriate authorities.
Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures.
Containers close to fire should be removed immediately or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures

Wear necessary protective equipment. For personal protection, see section 8. Do not smoke or use open fire, or other sources of ignition.

6.2. Environmental precautions

Environmental precautionary measures

Avoid discharge into water courses or onto the ground.
Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Cleaning method

Absorb spillage with non-combustible, absorbent material. Wash contaminated area with water.

6.4. Reference to other sections

Other instructions

See section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

Avoid inhalation of vapours/spray and contact with skin and eyes.
Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Store in tightly closed original container in a well-ventilated place. Do not store near heat sources or exposed to high temperatures.

Conditions for safe storage

Technical measures and storage conditions

Follow rules for flammable liquids.

Storage temperature

Value: -5 - 25 °C.

Storage stability

Durability: 24 months.

7.3. Specific end use(s)

Specific use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
1-Propanol	CAS No.: 71-23-8	Limit value (8 h) : 500 mg/ m ³ Limit value (short term) Value: 625 mg/m ³ Limit value (8 h) : 200 ppm Limit value (short term) Value: 250 ppm Exposure limit letter Letter code: Sk	
Ethanol	CAS No.: 64-17-5	Limit value (8 h) : 1000 ppm Limit value (8 h) : 1900 mg/ m ³ Limit value (8 h) : 1000 ppm Limit value (8 h) : 1920 mg/ m ³	TWA Year: 2011

DNEL / PNEC

Substance

1-Propanol

DNEL

Group: Professional**Route of exposure:** Acute inhalation (systemic)**Value:** 1723 mg/m³**Group:** Professional**Route of exposure:** Long-term dermal (systemic)**Value:** 136 mg/kg**Group:** Professional**Route of exposure:** Long-term inhalation (systemic)**Value:** 236 mg/m³**Group:** Consumer**Route of exposure:** Acute inhalation (systemic)**Value:** 1036 mg/m³**Group:** Consumer**Route of exposure:** Long-term dermal (systemic)**Value:** 81 mg/kg**Group:** Consumer**Route of exposure:** Long-term oral (systemic)**Value:** 61 mg/kg**Group:** Consumer

PNEC

Route of exposure: Long-term inhalation (systemic)**Value:** 80 mg/m³**Route of exposure:** Freshwater**Value:** 10 mg/l**Route of exposure:** Saltwater**Value:** 1 mg/l**Route of exposure:** Food products**Value:** 10 mg/l**Route of exposure:** Freshwater sediments**Value:** 22,8 mg/kg dw**Route of exposure:** Saltwater sediments**Value:** 2,28 mg/kg dw**Route of exposure:** Soil**Value:** 2,2 mg/kg**Route of exposure:** Sewage treatment plant STP**Value:** 96 mg/l

Substance

Ethanol

DNEL

Group: Consumer**Route of exposure:** Long-term oral (systemic)**Value:** 87 mg/kg bw/day**Reference:** ECHA**Group:** Professional**Route of exposure:** Acute inhalation (local)**Value:** 1900 mg/m³**Reference:** ECHA**Group:** Professional**Route of exposure:** Long-term dermal (systemic)**Value:** 343 mg/kg bw/day**Reference:** ECHA**Group:** Professional**Route of exposure:** Long-term inhalation (systemic)**Value:** 950 mg/m³**Reference:** ECHA**Group:** Consumer**Route of exposure:** Long-term inhalation (systemic)**Value:** 114 mg/m³**Reference:** ECHA**Group:** Consumer**Route of exposure:** Acute inhalation (local)**Value:** 950 mg/m³**Reference:** ECHA**Group:** Consumer

PNEC

Route of exposure: Long-term dermal (systemic)**Value:** 206 mg/kg bw/day**Reference:** ECHA**Route of exposure:** Sediment**Value:** 2,9 mg/L**Route of exposure:** Water**Value:** 0,96 mg/L**Route of exposure:** Water**Value:** 0,79 mg/L**Route of exposure:** Water**Value:** 2,75 mg/L**Route of exposure:** Sewage treatment plant STP**Value:** 580 mg/L**Route of exposure:** Sediment**Value:** 3,6 mg/kg sediment dw**Route of exposure:** Soil**Value:** 0,63 mg/kg soil dw**Reference:** ECHASummary of risk management
measures, human

Data lacking.

Summary of risk management
measures, environment

Data lacking.

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Technical measures to prevent
exposure

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Provide eyewash, quick drench.

Eye / face protection

Suitable eye protection

Wear approved safety goggles. EN 166.

Hand protection

Skin- / hand protection, long term
contact

Hand protection is not required for normal use.

Skin protection

Additional skin protection measures No special precautions.

Respiratory protection

Respiratory protection necessary at In case of inadequate ventilation wear respiratory protection. Type A EN 143/EN149.

Thermal hazards

Thermal hazards See section 5.

Appropriate environmental exposure control

Environmental exposure controls See section 6.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	wet wipes
Colour	Colourless.
Odour	Odour of alcohol.
pH	Status: In delivery state Value: ~ 8,0
Melting point / melting range	Comments: No data recorded.
Boiling point / boiling range	Comments: No data recorded.
Flash point	Value: 28 °C
Evaporation rate	Comments: No data recorded.
Flammability (solid, gas)	Not determined.
Explosion limit	Comments: Not determined.
Vapour pressure	Comments: Not determined.
Vapour density	Comments: Not determined.
Relative density	Value: ~ 0,89 kg/l.
Solubility	Comments: Completely soluble in water.
Partition coefficient: n-octanol/water	Comments: Not determined.
Spontaneous combustability	Comments: Not determined.
Decomposition temperature	Comments: Not determined.
Viscosity	Comments: Not relevant.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Physical hazards

Content of VOC Value: ~ 536 g/l

Other physical and chemical properties

Comments No data recorded.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions See section 10.4 and section 10.5.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid No information.

10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO₂) are formed.

Other information

Other information No data recorded.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance 1-Propanol

Acute toxicity

Effect tested: LD50
Route of exposure: Oral
Value: > 1870 mg/kg
Animal test species: Rat

Effect tested: LD50
Route of exposure: Dermal
Value: 4032 mg/kg
Animal test species: Rabbit

Effect tested: LC50

	<p>Route of exposure: Inhalation (vapour) Duration: 4 hour(s) Value: > 33,8 mg/l Animal test species: Rat</p>
Substance	Ethanol
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 10470 mg/kg Animal test species: Rat Test reference: OECD Guideline 401</p> <p>Type of toxicity: Acute Effect tested: LC50 Route of exposure: Inhalation. Duration: 4 hour(s) Value: 117 -125 mg/L Animal test species: Rat Test reference: OECD Guideline 401</p>
Other toxicological data	Toxicological tests on the product has not been performed.

Other information regarding health hazards

Assessment of acute toxicity, classification	No evidence for acute toxicity.
Inhalation	In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Vapours and spray mist may irritate throat and respiratory system and cause coughing.
Skin contact	Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.
Eye contact	May cause permanent damage to the eyes, especially if the product is not washed away IMMEDIATELY.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
Sensitisation	No evidence for respiratory nor skin sensitization.
Assessment of germ cell mutagenicity, classification	No evidence for germ cell mutagenicity.
Assessment of carcinogenicity, classification	No evidence for carcinogenicity.
Assessment of reproductive toxicity, classification	No evidence for reproductive toxicity.
Assessment of specific target organ toxicity - single exposure, classification	Vapours may cause drowsiness and dizziness.
Assessment of specific target organ toxicity - repeated exposure, classification	No evidence for STOT-repeated exposure.

Assessment of aspiration hazard, classification No evidence for aspiration hazard.

Symptoms of exposure

Other information No specific symptoms noted.

SECTION 12: Ecological information

12.1. Toxicity

Substance 1-Propanol

Aquatic toxicity, fish
Toxicity type: Acute
Value: 4555 mg/l
Exposure time: 96 hour(s)
Species: Pimephales promelas

Substance 1-Propanol

Aquatic toxicity, crustacean
Toxicity type: Acute
Value: 1000 mg/l
Exposure time: 48 hour(s)
Species: Gammarus pulex

Toxicity type: Acute
Value: 3644 mg/l
Exposure time: 48 hour(s)
Species: Daphnia magna

Ecotoxicity Not classified as dangerous to the environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation The product is easily biodegradable.

Substance 1-Propanol

Biodegradability
Value: 83 %
Method: OECD 301D
Test period: 5 day(s)

12.3. Bioaccumulative potential

Bioaccumulation, evaluation The product is not bioaccumulating.

12.4. Mobility in soil

Mobility The product is miscible with water. May spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Additional ecological information	None.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements.
Appropriate methods of disposal for the contaminated packaging	Dispose unused product and the packaging in accordance with local requirements.
EWC waste code	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: Yes
EWL packing	EWC waste code: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics Classified as hazardous waste: Yes
Other information	When handling waste, consideration should be made to the safety precautions applying to handling of the product. Waste code applies to product remnants in pure form.

SECTION 14: Transport information

14.1. UN number

ADR/RID/ADN	3175
IMDG	3175
ICAO/IATA	3175

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Technical name/Danger releasing substance English ADR/RID/ADN	Ethanol, 1-propanol
ADR/RID/ADN	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Technical name/danger releasing substance ADR/RID/ADN	Ethanol, 1-propanol
IMDG	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Technical name/danger releasing substance IMDG	Ethanol, 1-propanol
ICAO/IATA	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
Technical name/danger releasing substance ICAO/IATA	Ethanol, 1-propanol

14.3. Transport hazard class(es)

ADR/RID/ADN	4.1
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Classification code ADR/RID/ADN	F1
IMDG	4.1
ICAO/IATA	4.1

14.4. Packing group

ADR/RID/ADN	II
IMDG	II
ICAO/IATA	II

14.5. Environmental hazards

IMDG Marine pollutant	No
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14.6. Special precautions for user

Special safety precautions for user Not relevant.

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

Product name	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
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Additional information

Hazard label ADR/RID/ADN	4.1
Hazard label IMDG	4.1
Hazard label ICAO/IATA	4.1

ADR/RID Other information

Tunnel restriction code	E
Transport category	2
Hazard No.	40

IMDG Other information

EmS	F-A, S-I
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SECTION 15: Regulatory information

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

Other label information	For professional users only.
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Legislation and regulations	The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242), with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency,
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amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895). This product is classified as a cosmetic product, meeting all the requirements of the Regulation (EC) No 1223/2009 on cosmetic products and national cosmetic products regulations.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H225 Highly flammable liquid and vapour. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness.
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Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
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Information added, deleted or revised	Relevant changes compared to the previous version of the safety data sheet are indicated with vertical lines in the left margin.
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Version	3
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Prepared by	MP
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