

Safety Data Sheet

According to REACH, Regulation (EC) 1907/2006.

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

1.1. Product identifier

Trade name: Wet Wipe Ethanol Disinfection 70 %
PR-number: 49752
Item codes: 51154, 50516

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

Disinfection of surfaces.
Relevant identified uses of the mixture:
SU4 Manufacture of food products
SU20 Health services.
SU22 Professional uses
Product types: PT2 Disinfectants and algaecides not intended for direct application to humans or animals.
PT4 Food and feed area
Chemical Product Category:
PC8 Biocidal Products (e.g. Disinfectants, pest control).
Users advised against:
Avoid application on skin.

1.3. Details of the supplier of the safety data sheet

Company name and address of manufacturer and registration owner:

Wet Wipe
Vallensbaekvej 65
DK-2625 Vallensbaek
Denmark
Phone.: +45 70 266 244
www.wetwipe.eu
info@wetwipe.eu

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1.4. Emergency telephone number

Use your national or local emergency number.
(DK) +45 82 12 12 12

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to CLP, Regulation (EC) 1272/2008.

Flam. Liq. 2; H225

2.2. Label elements:

Hazard pictograms (GHS):



Signal word: Danger

Hazard statement(s):

H225 - Highly flammable liquid and vapour.

Supplemental hazard statement(s): None

Precautionary statements:

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking (P210).
Response: In case of fire: Use water spray or fog, alcohol-resistant foam, carbon dioxide or dry chemical to extinguish (P370+P378).
Storage: Store in a closed container (P404).
Disposal: Dispose of according to National/local waste disposal regulations (P501).

Additional information:

Used professionally for disinfection

2.2 Other hazards

The ingredients are not considered PBT/vPvB according to criteria in Annex XIII.
The product contains organic solvents (ethanol). Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.1. Substance

Mixture.

3.2. Mixture

Substance	%(v/v)	CAS / EC-no.	Classification
Ethanol	65 - 67	64-17-5 / 200-578-6	Flam. Liq. 2; H225 Eye Irrit. 2; H319
Isopropanol	3 - <5	67-63-0 / 200-661-7	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336

See full text of H-phrases in Section 16. Contains substances with national limit values.

SECTION 4: First aid measures

4.1. Description of first aid measures

- Eye contact: Rinse thoroughly with plenty of water, minimum 15 minutes. Remove contact lenses, if present and easy to do.
- Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist or any signs of respiratory distress occurs.
- Ingestion: Rinse mouth. Do not induce vomiting. Seek medical help if discomfort or irritation occurs.
- Skin contact: Rinse with water. Remove contaminated clothes.

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

Repeated exposure to solvents may result in breakdown of the skin's natural fat layer. The skin will then be more exposed to absorption of harmful substances such as allergens.
Vapor in high concentrations may cause headaches, tiredness, dizziness and nausea.

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

No special, immediate treatment is necessary. If any discomfort arises, treat symptoms and bring safety data sheet when you contact a physician.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable: Alcohol-resistant foam, carbonic acid (CO₂), powder, water mist.
- Unsuitable: Full water jet can spread the fire.

5.2. Special hazards arising from the substance or mixture

- Flammable liquid and vapor.
- Hazardous combustion products: Carbon oxides (CO_x).

5.3. Advice for fire-fighters

If it can be done without danger, remove containers from the fire threatened area. Avoid inhalation of vapours and fumes. Use self-contained breathing apparatus and chemical protection suit, if personal (close) contact is likely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use gloves during prolonged or repeated contact.

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Gather and place in suitable container. Dispose of according to local regulations.

6.4. Reference to other sections

See section 8 for protective equipment and section 13 for waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Biocidal products should be handled with caution. Follow direction in section 8 for appropriate handling.
Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Store in closed containers, in a ventilated room, protected from direct sunlight. Keep out of reach for children.

Impregnated wipes are not subject to technical regulations for flammable liquids.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational limits:

Substance	CAS.	Value (8 hours)	Source
Ethanol	64-17-5	1000 ppm / 1900 mg/m ³	AT, 2007. DK
Isopropanol	67-63-0	200 ppm / 490 mg/m ³	AT, 2007. DK
Ethanol	64-17-5	500 ppm / 960 mg/m ³	IFA. DE.
Isopropanol	67-63-0	200 ppm / 500 mg/m ³	IFA. DE.

DNEL:

Substance	Exposure	Value	Population	Effects
Ethanol	Long term Dermal	343 mg/kg bw/day	Workers	Systemic
	Long term inhalation	950 mg/m ³	Workers	Systemic
	Short term inhalation	1900 mg/m ³	Workers	Local
	Long term Dermal	206 mg/kg bw/day	Consumers	Systemic
	Long term inhalation	114 mg/m ³	Consumers	Systemic
	Short term inhalation	950 mg/m ³	Consumers	Local
Isopropanol	Long term Dermal	888 mg/kg bw/day	Workers	Systemic
	Long term inhalation	500 mg/m ³	Workers	Systemic
	Long term Dermal	319 mg/kg bw/day	Consumers	Systemic
	Long term inhalation	89 mg/m ³	Consumers	Systemic
	Long term oral	26 mg/kg bw/day	Consumers	Systemic

Source: Registration Dossier – ECHA

PNEC:

Substance	Media	Value	Method
Ethanol	Freshwater	0,96mg/l	Assessment factor
	Marine water	0,79 mg/l	Assessment factor
	Sediment, Fresh water,	3,6 mg/kg dwt	Equilibrium partitioning method
	Sediment, Marine water	02,9 mg/kg dwt	Equilibrium partitioning method
	STP	580 mg/l	Assessment factor
	Soil	0,63 mg/kg dwt	Assessment factor
Isopropanol	Freshwater	140,9 mg/l	Sensitivity distribution
	Marine water	140,9 mg/l	Sensitivity distribution
	Sediment, Fresh water	552 mg/kg dwt	Equilibrium partitioning method
	Sediment, Marine water	552 mg/kg dwt	Equilibrium partitioning method
	STP	2251 mg/l	Assessment factor
	Soil	28 mg/kg dwt	Equilibrium partitioning method

Source: Registration Dossier – ECHA

8.2. Exposure controls

Occupational exposure controls:

Use common occupational hygiene. Ensure good ventilation. Personal protective equipment must be CE approved. Recommended protective equipment and specified standards are indicative.

Respiratory protection:

Normally not required. When working in small non-ventilated spaces, use suitable breathing apparatus. Filter type (A)

Hand protection:

In case of repeated or prolonged contact wear protective gloves of resilient material, e.g. Butyl rubber. Nitrile



Skin Protection:

Normal work clothes. Wash / flush the exposed areas.

Eye / Face protection:

Avoid contact with eye and eye surroundings during use of wipe.

Environmental exposure controls:

Avoid discharge of wipes into sewers and wastewater treatment plants. Disposal of waste should be in accordance with the requirements of the regional and local authorities.

SECTION 9: Physical and chemical properties

9.1. Information on basic and chemical properties

Appearance:	White, non-woven wipe material
Odour:	alcohol
pH:	4 to 8
Melting point/range	< -20 °C. Applies to the liquid
Boiling point	78 °C for the liquid in the cloths.
Flash point	~ 22 °C.
Auto-flammability:	> 425 °C.
Evaporation rate:	not available
Vapour pressure:	not available
Oxidising properties	Not oxidising.
Explosive properties	Not classified as an explosive.
Solubility in water	the liquid can be diluted in the napkins.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

None known.

10.2. Chemical stability

Stable at recommended storage temperatures.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Avoid sunlight and high temperatures.

10.5. Incompatible materials

Avoid oxidizing agents, alkaline oxides, non-metallic anhydrides / acids, hydrides, mercury compounds, silver compounds. Not compatible with Polyurethane (PUR / U). Repeated contact with materials such as polyacrylates, nitrile and PVC may cause softening, loss of strength, swelling and / or scalding.

Possibility of reaction with other substances can not be excluded.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Ethanol

Type	Species	Result	Method	
Acute toxicity	Oral	LD50 Rat	>14.500 mg/kg	OECD 401
	Inhalation	Mouse	> 114 mg/ml	OECD 403
	Dermal	No data available		
Skin corrosion/irritation	Human	Not irritating		Not a guideline study (4h)
Eye damage/ irritation	Rabbit	Irritating		OECD 405
Respiratory or Skin sensitisation	No data available			
Reproductive toxicity	Mouse	no effects observed		OECD 416

Source: Registration Dossier – ECHA

Isopropanol				
Type		Species	Result	Method
Acute toxicity	Oral	Rat	5840 mg/kg	OECD 401
	Inhalation	No data available		
	Dermal	No data available	> 2000 mg/kg bw	
Skin corrosion/irritation		Rabbit	Not irritating	FHSA procedure (Edwards, 1972)
Eye damage/ irritation		Rabbit	Highly irritating	Draize Test
Respiratory or Skin sensitisation		Guinea pig	Not a sensitizer	OECD 406

Source: Registration Dossier – ECHA

Information on likely routes of exposure: Skin, lungs and gastrointestinal tract.

Symptoms:

Inhalation: Vapours may irritate the upper respiratory tract and cause discomfort, headache and dizziness.
 Skin: May cause irritation and degrease skin.
 Eyes: May cause irritation with redness and pain.
 Ingestion: May irritate the mucous membranes in mouth, throat and stomach.
 Chronic effects: Prolonged or frequent exposure to vapours of volatile organic compounds may result in damage on liver kidneys, blood or central nervous system.

SECTION 12: Ecological information

12.1. Toxicity

Substance		
Ethanol	LC50 (Fish)	10.000 mg/l (96h)
	EC50(Fish)	1 000 - 10 000 mg/L
	EC50(Invertebrates, freshwater)	11500 mg/l (24h)
Isopropanol	LC50 (Fish)	9640 mg/l (96h)
	LC50 (Daphnia magna)	> 10000 mg/l (24h)
	TGK (Uronema parduzci)	3425 mg/L

Source: Registration Dossier – ECHA

Eco-toxicological data for the mixture are not available.

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

No bioaccumulative potential.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The product contains no identified PBT/vPvB substances.

12.6. Other adverse effects

None known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

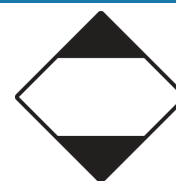
Dispose of in accordance with local and national regulation. The penetration of the product into drains, water courses or the soil should be avoided.

The hazardous waste codes are indicative. EAK code No. 15 02 02/07 07 04

SECTION 14: Transport information

LQ.

The product is dangerous goods in limited quantities(1kg), of Class 4.1, II
 For specifications and requirements - see the applicable regulations on ADR/RID/IMDG/ICAO.



UN classification are not applicable as the product is transported as dangerous goods under limited quantity.

ADR/RID

ADN

IMDG

IATA

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- Part of GLAD Koncernen A/S

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VAT DK30207726

14.1. UN number	3175	3175	3175	3175
14.2. UN proper shipping name	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(ETHANOL)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(ETHANOL)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(ETHANOL)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.(ETHANOL)
14.3. Transport hazard class	4.1	4.1	4.1	4.1
14.4. Packaging group	II	II	II	II
14.5. Environmental hazards	IMDG Marine pollutant: No			
14.6. Special precautions for user	None.			
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Bulk: Not relevant			

SECTION 15: Regulatory information

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

CLP, Regulation (EU) 1272/2008
 REACH, Regulation (EC) 1907/2006.
 BPR, Regulation (EU) 528/2012.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out for the mixture.

SECTION 16: Other information

The information in this document must be made available to all who handle the product. Information in this safety data sheet cannot be used as a product specification. The information in this safety data sheet applies only the products referred to in section 1 and is not valid when used with other products.

Classified by calculation, based on known hazards of ingredients. According to CLP (EC) No 1272/2008

Eye Irrit. 2; H319
 Flam. Liq. 2; H225

List of relevant H-phrases (sections 2 and 3).

H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H225 Highly flammable liquid and vapour.
 H336 May cause drowsiness or dizziness.

Abbreviations used:

ATE Acute toxicity estimate.
 STOT Specific Target Organ Toxicity.
 OECD Organisation for Economic Co-operation and Development.
 ECHA European Chemicals Agency.
 REACH Registration, Evaluation, Authorisation and Restriction of Chemical Substances.
 DNEL Derived No-Effect Level.
 PNEC Predicted No-Effect Concentration.
 LC50 Lethal Concentration 50 %
 EC50 Effect Concentration 50 %
 TGK toxicity threshold concentration.
 PBT Persistent, Bioaccumulative, Toxic.
 vPvB very Persistent, very Bioaccumulative.
 EmS Emergency Response Procedures for Ships Carrying Dangerous Goods.
 ADR European Agreement concerning the International Carriage of Dangerous Goods by Road.
 IMDG International Maritime Code for Dangerous Goods.
 IATA International Air Transport Association.
 GHS Globally Harmonised System of Classification and Labelling of Chemicals.
 AT Arbejdstilsynet
 LQ limited Quantity

Key literature references:

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 (CLP).

EC regulation 1907/2006 (REACH). ECHA registration dossiers. 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

The information provided in this Safety Data Sheet is correct to the best of our knowledge, through information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific product designated and may not be valid for the product used in combination with any other products, materials or in any process, unless specified in the text. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The company cannot be held liable for any damage resulting from wrongful handling or other, not specified here, contact with the above product.

End of Safety Data Sheet.