

SAFETY DATA SHEET

**Antibac Surface Disinfection
75% wipes**

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 06.03.2013

Revision date 07.01.2016

1.1. Product identifier

Product name Antibac Surface Disinfection 75% wipes

Synonyms Antibac Wipes for Surface Disinfection

Article no. 66118

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

Product group PT2 Disinfectants and algaecides not intended for direct application to humans or animals

Use of the substance / preparation Surface disinfection
75 %

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name Antibac AS

Office address Hagaløkkveien 13

Postal address Postboks 103

Postcode 1371

City Asker

Country Norway

Telephone number +47 66 77 11 70

Fax +4766771171

Email post@antibac.no

Website www.antibac.no

Contact person Ann Mari Dybdahl

1.4. Emergency telephone number

Emergency telephone

Telephone number: NHS Direct - 0845 4647 (24h/24h)

Description: For poisoning emergencies, call

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

F; R11

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

Flam. Liq. 2; H225

Eye Irrit. 2; H319

Substance / mixture hazardous properties

The information in this safety data sheet applies to the liquid in the wipes: Highly flammable liquid and vapour. Irritates the eyes.

2.2. Label elements

Hazard pictograms (CLP)



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Special rules on packaging (CLP)

Use: Surface disinfection.

Type of preparation: Wipes.

Contains: 586 g/kg of ethanol and 117 g/kg of propan-2-ol

2.3. Other hazards

PBT / vPvB

The chemical contains no PBT or vPvB substances.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5 REACH Reg. No.: 01-2119457610-43 Synonyms for section 3: Ethyl alcohol	Flam. Liq. 2; H225 Eye Irrit. 2; H319	30 - 60 %

Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0	Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336	5 - 15 %
Propan-1-ol	CAS No.: 71-23-8 EC No.: 200-746-9 Index No.: 603-003-00-0 Synonyms for section 3: n-Propanol	Flam. Liq. 2; H225 Eye Dam. 1; H318 STOT SE3; H336	0 - 1 %
Substance comments	See section 16 for explanation of H- and R-phrases listed above.		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Emergency telephone number: see section 1.4. In case of unconsciousness or severe accidents, call 112.
Inhalation	Fresh air and rest. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing. Flush skin thoroughly with water.
Eye contact	Flush immediately with plenty of water for at least 5 minutes. Hold the eyelids apart. Remove any contact lenses. Consult an eye specialist if the irritation persists.
Ingestion	Drink a few glasses of water or milk. Do not induce vomiting. Get medical attention if any discomfort continues.

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

Acute symptoms and effects	Inhalation: may cause headache, fatigue, dizziness and nausea. Skin contact: may be degreasing. Eye contact: eye irritation. Ingestion: discomfort, may cause similar symptoms to those resulting from inhalation.
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4.3. Indication of any immediate medical attention and special treatment needed

Other information	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, fog or mist. Alcohol resistant foam. Carbon dioxide or dry powder.
Improper extinguishing media	Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Highly flammable. Solvent vapours may form explosive mixtures with air.
Hazardous combustion products	May include, but is not limited to: Carbon dioxide (CO ₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Personal protective equipment	Use compressed air equipment when the chemical is involved in fire. In case of
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Other information	evacuation, an approved protection mask should be used. See also section 8. Containers close to fire should be removed immediately or cooled with water. Extinguishing water must not be discharged into drains.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Remove all ignition sources and ventilate the area. Use protective equipment as referred to in section 8.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid release to the environment.
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6.3. Methods and material for containment and cleaning up

Cleaning method	Collect in a suitable container and dispose as hazardous waste according to section 13.
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6.4. Reference to other sections

Other instructions	See also sections 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Use biocides safely. Always read the label and product information before use. Provide good ventilation. Avoid direct contact. Use protective equipment as referred to in section 8.
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Protective safety measures

Safety measures to prevent fire	Smoking and naked flames and other ignition sources are prohibited. Take precautionary measures against static discharges.
Advice on general occupational hygiene	Wash hands after contact with the chemical. Change contaminated clothing and take off protective equipment before the meal. Do not smoke, drink or eat in the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in accordance with regulations for flammable goods. Store in a tightly closed container in a cool, well-ventilated room, protected from direct sunlight.
Special risks and properties	The vapours are heavier than air and will spread along the floor. The vapours may form explosive mixtures with air.

Conditions for safe storage

Packaging compatibilities	Store in original container.
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7.3. Specific end use(s)

Specific use(s) See section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5 REACH Reg. No.: 01-2119457610-43 Synonyms for section 3: Ethyl alcohol	TWA (8h) : 1000 ppm TWA (8h) : 1920 mg/m ³	TWA Year: 2014
Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 Index No.: 603-117-00-0	TWA (8h) : 400 ppm TWA (8h) : 999 mg/m ³ OEL short term value Value: 500 ppm OEL short term value Value: 1250 mg/m ³	
Propan-1-ol	CAS No.: 71-23-8 EC No.: 200-746-9 Index No.: 603-003-00-0 Synonyms for section 3: n-Propanol	TWA (8h) : 200 ppm, Sk TWA (8h) : 500 mg/m ³ , Sk OEL short term value Value: 250 ppm, Sk OEL short term value Value: 625 mg/m ³ , Sk	

Other Information about threshold limit values

References (laws/regulations): EH40/2005 Workplace exposure limits, with later amendments.
Explanation of the notations:
Sk = Can be absorbed through the skin.

8.2. Exposure controls

Limitation of exposure on workplace

Provide corrosion-resistant local exhaust ventilation. The personal protective equipment must be CE-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment.
A risk assessment of the work place/work activities (the actual risk) may lead to other control measures.

Respiratory protection

Respiratory protection

Normally not required.
In case of insufficient ventilation, wear half or full face mask with gas filter A (brown, organic vapor filter).

Hand protection

Hand protection

Use chemical resistant gloves (conforming to EN 374), eg. made of: Butyl rubber. Nitrile. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye / face protection

Eye protection	Wear safety goggles if there is a risk of splash.
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Skin protection

Skin protection (except hands)	Ordinary workwear.
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Appropriate environmental exposure control

Environmental exposure controls	Prevent spillage entering a watercourse or sewer, contaminating soil or vegetation.
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Other information

Other information	Eye wash facilities must be available when handling this chemical.
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Moistened tissue.
Colour	Colourless.
Odour	Odour of alcohol.
Odour limit	Comments: Not determined.
pH	Status: In delivery state Comments: Not determined.
Melting point / melting range	Value: < -20 °C
Boiling point / boiling range	Value: 78,5 - 100 °C
Flash point	Value: < 21 °C
Evaporation rate	Comments: Not determined.
Flammability (solid, gas)	Not relevant, see flash point.
Explosion limit	Value: ~ 2,5 - 19 vol-% Comments: estimated
Vapour pressure	Comments: Ikke bestemt
Vapour density	Value: > 1 Reference gas: air = 1
Relative density	Value: 0,87 - 0,88 kg/dm ³ (20 °C)
Solubility in water	Easily soluble.
Partition coefficient: n-octanol/ water	Comments: Not relevant for a mixture.
Spontaneous combustability	Comments: Not determined.
Viscosity	Comments: Not determined.
Oxidising properties	Not oxidising.

9.2. Other information

Other physical and chemical properties

Comments	The information in section 9.1 applies to the liquid in the wipes. No further information is available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No test data available. Vapors may form explosive mixtures with air.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	May react violently with strong oxidizing components.
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10.4. Conditions to avoid

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

Materials to avoid	Strong oxidising substances.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions. See also section 5.2.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: Comments: not determined
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Acute toxicity, Mixture estimate

Assessment of acute toxicity, classification	Based on available data, the classification criteria are not met.
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Potential acute effects

Inhalation	Vapours may cause drowsiness and dizziness. Solvent vapours are hazardous and may cause nausea, sickness and headaches.
Skin contact	May be degreasing after frequent contact.

Eye contact	Irritating to eyes and may cause redness, watering and stinging.
Ingestion	May cause irritation of the mucous membranes, nausea, vomiting and diarrhoea. Ingestion may cause similar symptoms to those resulting from inhalation.
Irritation	Irritant to eyes.
Corrosivity	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Delayed effects / repeated exposure

Sensitisation	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data the classification criteria are not met.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity, other information	Based on available data, the classification criteria are not met.
Mutagenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	The chemical is not classified as harmful to the environment.
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Toxicological data for substances

Substance	Ethanol
Acute aquatic, fish	Value: > 1000 mg/l Method: LC50
Acute aquatic, algae	Value: > 1000 mg/l Method: IC50
Acute aquatic, Daphnia	Value: > 1000 mg/l Method: EC50
Aquatic, comments	Litteraturvärden.

12.2. Persistence and degradability

Persistence and degradability, comments	Readily biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.
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12.4. Mobility in soil

Mobility	The product is soluble in water. The chemical will evaporate easily from surfaces.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	The chemical contains no PBT-substances.
vPvB evaluation results	The chemical contains no vPvB substances.

12.6. Other adverse effects

Other adverse effects, comments	Do not allow to enter into sewer, water system or soil.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Disposed of as hazardous waste by approved contractor. The waste code (EWC-Code) is intended as a guide. The code must be chosen by the user, if the use differs from the one mentioned below.
Product classified as hazardous waste	Yes
EWC waste code	EWC: 07 07 04 other organicsolvents, washing liquids and mother liquors

SECTION 14: Transport information

14.1. UN number

ADR / RID / ADN	3175
IMDG	3175
ICAO / IATA	3175
Comments	May be transported in limited quantities if placed in outer packaging according to ADR 3.4, when max. 1 kg/inner packaging and max 30 kg total gross mass. Shrink- or stretch wrapped trays may be used and shall not exceed 20 kg total gross mass/tray.

14.2. UN proper shipping name

ADR / RID / ADN	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ethanol and isopropyl alcohol solution)
IMDG	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ethanol and isopropyl alcohol solution)
ICAO / IATA	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ethanol and isopropyl alcohol solution)

14.3. Transport hazard class(es)

ADR / RID / ADN	4.1
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

14.6. Special precautions for user

EmS

F-A, S-I

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

Pollution category

Not relevant.

ADR / RID - Other information

ADR additional information

Tunnel restriction code (E)

Hazard No.

40

IMDG / ICAO / IATA Other information

IMDG Additional information

Fp <21°C C.c.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

References (laws/regulations)

CHIP Regulations. The Chemicals (Hazard Information and Packaging for Supply) Regulation.
 Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments.
 Norwegian regulations on waste. no. 930/2004, from the Ministry of Environment.
 Dangerous Goods regulations
 Highly Flammable Liquid Regulations 1972.
 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

SECTION 16: Other information

R-phrases

S-phrases

Supplier's notes

The information contained in this SDS must be made available to all those who

	handle the product.
List of relevant R-phrases (under headings 2 and 3).	R11 Highly flammable.
List of relevant H-phrases (Section 2 and 3)	H318 Causes Serious eye damage. H336 May cause drowsiness or dizziness. H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 2; H225; Eye Irrit. 2; H319;
Abbreviations and acronyms used	EC50: The effective concentration of substance that causes 50% of the maximum response IC50: The concentration of compound that results in 50% inhibition of a biological or biochemical function. LC50: Median concentration lethal to 50% of a test population. LD50: Lethal dose, is the amount of a substance given to a group of test animals, which causes the death of 50%. PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative
Information added, deleted or revised	Sections being revised since previous version: 1.1 (new art no), 1.2, 2.1, 2.2, 3.2, 4.1, 4.2, 6.1, 7.1, 8.1, 8.2, 9.1, 10.5, 11.1, 12.1, 12.5, 15.1
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