

Safety Data Sheet

According to Regulation (EC) N° 1907/2006 modified by regulation (EU) N° 453/2010

Trade name: ABENA Disinfection Wipes 50-pack [150149]

Product. No: 150149

Version: 1.2 / EN

Print date: 9/23/13

Specification No: 1.0

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

1.1.2 Trade name / designations

ABENA Disinfection Wipes 50-pack [150149]

1.1.3 Other means of identification:

n/a

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

TRANSPORT CLASSIFICATION WITH RULES OF EXEMPTION. SEE CHAPTER 14.

1.2.1 Relevant identified uses

Wet Wipe for Health Care and Personal Care

1.2.2. Uses advised against:

Use only as directed in the original product packaging.

See chapter 16 for a general overview

1.3 Details of the supplier of the safety data sheet:

Supplier (manufacturer/importer/only representative/downstream user/distributor):

ABENA A/S

EGELUND 35

DK-6200 AABENRAA

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DENMARK

E-Mail (competent person):

info@abena.com

Information contact:

Telephone +45 74 31 18 18

Fax +45 74 62 97 37

National contact:

ABENA A/S

EGELUND 35

DK-6200 AABENRAA

DENMARK

1.4 EMERGENCY TELEPHONE NUMBER:

EUROPE: 112 European emergency phone number, available everywhere in the EU

UNITED KINGDOM: NHS Direct - Accident and Emergency Advice from NHST

Telephone 0845 4647 NHS Direct - Accident and Emergency Advice (24 h)

You should call the NHS 111 service if you need medical help fast, but if it's not a 999 emergency.

SWEDEN: Giftinformationscentralen / Poison Information Centre

Telephone 112 Poison Information (24 h)

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Telephone 08 331231 Other questions concerning acute poisonings (9am–5pm, monday–friday)

FINLAND: Myrkytystietokeskus / Giftinformationscentralen / Poison Information Centre

Telephone 09 471 977 Poison information (24 h)

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2. HAZARD CLASSIFICATION

2.1. Classification of the substance or mixture:

TRANSPORT CLASSIFICATION WITH RULES OF EXEMPTION. SEE CHAPTER 14.

self classification

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

Hazard Classes and Hazard Categories	Hazard Statements	Classification Procedure
Flam. Liq. 2	H225	Calculation method

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

F; R11

2.1.3 Additional information:

Full text of R-, H- and EUH-phrases: see section 16.

2.2. Label elements

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

Hazard components for labeling:

Ethanol, Isopropanol

Authorisation No n/a

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Hazard pictograms



GHS02

Signal word:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed (*optional*)

P240 Ground/bond container and receiving equipment (*optional*)

P241 Use explosion-proof electrical/ventilating/light/.../equipment (*optional*)

P242 Use only non-sparking tools (*optional*)

P243 Take precautionary measures against static discharge (*optional*)

P264 Wash ... thoroughly after handling (*optional*)

P280 Wear protective gloves/protective clothing/eye protection/face protection (*optional*)

P303 + P361 + P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. (*optional*)

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Supplemental Hazard information (EU):

Not applicable

Special rules for supplemental label elements for certain mixtures:

Not applicable

2.3 Other hazards

Adverse physicochemical effects: Flammable

Adverse human health effects and symptoms: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation. May cause serious eye irritation.

Adverse environmental effects: None indicated

Other adverse hazards: None indicated

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

3.2.1 Description of the mixture

Hydroalcoholic solution with isopropyl alcohol as denaturing agent.

3.2.2 Hazardous Ingredients

This product contains the substances listed below, which are defined as dangerous substances or hazardous chemicals as defined in Regulation (EC) No 1272/2008 and present at concentration > 0.1 %

CAS No.	EC No.	Index No	REACH No.	% [weight]	Name	Classification according to 67/548/EEC
64-17-5	200-578-6	603-002-00-5	01-2119457610-43	> 75 %	Ethanol	F; R11
67-63-0	200-661-7	603-117-00-0	01-2119457558-25	5 – 10 %	Isopropanol	F: R10, Xi: R36, R67

CAS No.	EC No.	Index No	REACH No.	% [weight]	Name	Classification according to Regulation (EC) No 1272/2008
64-17-5	200-578-6	603-002-00-5	01-2119457610-43	> 75 %	Ethanol	FL 2, H225
67-63-0	200-661-7	603-117-00-0	01-2119457558-25	5 – 10 %	Isopropanol	FL 2: H225, Eye Irrit. 2: H319, STOT SE 3: H336

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Note: Classification refers to classifications of raw substances at 100 % and are used as basis for classifying the mixture.

3.3 Additional Information

Full text of R-, H- and EUH-phrases: see section 16.

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4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General informations:

Consult a physician. Show this safety data sheet to the doctor in attendance.

4.1.1 Following inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

4.1.4 Following skin contact:

Not relevant under normal and reasonably foreseeable use. In case of large exposure, flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

4.1.2 Following eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

4.1.5 Following ingestion:

Ingestion is unlikely exposure route unless product is intentionally abused. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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4.1.6 Self-protection of the first aider:

No action shall be taken involving any personal risk

4.1.7 Notes for the doctor:

Ethanol is major component of the mixture.

4.2 Most important symptoms and effects, both acute and delayed

Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation. May cause serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media:

Do not use a direct water jet on the burning product.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

Flammable liquid and vapour. As a result of combustion or thermal decomposition reactive subproducts are created (CO₂, CO, NO_x,...) that can become highly toxic and, consequently, can present a serious health risk. Hazards from the highly flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The substance or mixture vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus with full-face mask and full protective clothing.

5.4 Additional information:

Be aware of possibility of re-ignition. This product gives off flammable vapours which may form explosive mixtures with air. Vapours with a source of ignition can create a flash fire, not a UVCE (Unconfined Vapour Cloud Explosion). Run off to sewer may cause fire or explosion hazard. Containers may explode in heat of fire. Use water to cool fire-exposed containers and to disperse vapour.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Do not smoke. Do not expose to flame or any potential source of ignition (eg electrical equipment). Avoid contact with skin and inhalation of vapors. Ensure adequate ventilation of the workplace.

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.1.2 For emergency responders

Personal protective equipment:

Wear self contained breathing apparatus if necessary. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.2 Environmental precautions:

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

6.3.1 For containment:

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent

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entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.3.2 For cleaning up:

Small spills: Allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material then transfer into suitable containers for recovery or disposal. Ventilate contaminated area thoroughly. Large spills: Dike or dam to contain for later disposal. Contact emergency authorities.

6.3.3 Other information:

None

6.4 Reference to other sections

For exposure control and personal protection measures, see section 8. For considerations of waste disposal, see section 13.

6.5 Additional information:

None

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.1.1 Protective measures:

Put on appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Fire preventions:

Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges.

Aerosol and dust generation preventions:

Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

Environmental precautions:

Avoid direct discharge to sewer, surface water and groundwater, not make to penetrate into the soil.

7.1.2 Advice on general occupational hygiene

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Packaging materials:

Store in original containers. Incompatible materials: natural rubber, PVC, methyl-methacrylate plastics, polyamides, zinc, brass, aluminium under certain conditions. Compatible materials: Stainless steel, titanium, cast bronze, cast iron, carbon steel, polypropylene, neoprene, nylon, viton, ceramic, carbon, glass.

7.3 Specific end uses:

Recommendations: Skin disinfectant

Industrial sector specific solutions: Health Care, Personal Care

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

No information is available for Occupational Exposure Levels (OELs).

8.1.3 Exposure limits at intended use:

No information is available for Exposure Levels (ELs). Avoid direct discharge to sewer, surface water and groundwater, not make to penetrate into the soil.

8.1.4 DNEL/PEC-values

Ethanol: 950 mg/m³

8.1.5 Risk management measures according to used control banding approach

Handling should be at a temperature as low as possible. Ensure proper ventilation.

8.2 Exposure Controls

8.2.1 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practices. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

8.2.2 Personal protection equipment:

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8.2.2.1 Eye / Face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU) should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

8.2.2.2 Skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

8.2.2.3 Respiratory protection:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

8.2.2.4 Thermal hazards:

Handling should be at a temperature as low as possible. Ensure proper ventilation.

8.3. Environmental exposure controls:

Measures related to consumer uses of the substance (as such or in mixtures):

Avoid direct discharge to sewer, surface water and groundwater, not make to penetrate into the soil.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

9.1.1 Appearance

Physical state: Textile wipe impregnated with transparent liquid

Colour: n/a

Odour: Characteristic

9.2.2 Safety relevant basic data

Parameter	Value	Remark
pH	6 - 8	
Melting point/range (°C)	-113.9	Ethanol
Initial boiling point/range (°C)	78.4	Ethanol
Flash point (°C)	12.85	Ethanol
Vapour pressure (kPa)	5.9	Ethanol
Vapour density (air=1)	1.6	Ethanol
Density (g/cm ³)	0.79	Ethanol
Water solubility	Soluble	Ethanol
Partition coefficient n-Octanol/Water (log Po/w)	-0.35	Ethanol
Viscosity, dynamic (mPas)	1.26	Ethanol

9.2 Physical hazards:

Explosives: Not applicable

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Flammable gases: Not applicable
Flammable aerosols: Not applicable
Oxidising gases: Not applicable
Gases under pressure: Not applicable
Flammable liquids: Flammable liquid and vapour.
Flammable solids: Not applicable
Self-reactive substances and mixtures: Not applicable
Pyrophoric liquids Pyrophoric solids: Not applicable
Self-heating substances and mixtures: Not applicable
Substances or mixtures which, in contact with water emit flammable gases: Not applicable
Oxidising liquids: Not applicable
Oxidising solids: Not applicable
Organic peroxides: Not applicable
Metal corrosion: Not applicable

9.3 Other safety information

Properties of explosive atmospheres (mixtures):

Gases and vapours: lower 3.3 %, upper 19 %

Physical-chemical properties of nanoparticles:

Not applicable

Limiting oxygen concentration

Not applicable

Bulk density

No data available

Solubility in different media

Soluble in water and alcohols

Stability in organic solvents and identity of relevant degradation products

No data available

Evaporation rate

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No data available

Conductivity

No data available

Surface tension

No data available

Dissociation constant in water (pKa)

No data available

Oxidation-reduction Potential

No data available

Fat solubility (solvent – oil to be specified)

No data available

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10. STABILITY AND REACTIVITY

10.1 Reactivity

Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids.

10.2 Chemical stability

Stable under normal ambient conditions.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.

10.5 Incompatible materials:

Reactive or incompatible with the following materials: oxidizing materials. peroxides. Acids. Alkalis. Ammonia.

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10.6 Hazardous decomposition products:

No dangerous decomposition products known in the recommended storage conditions.

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11. TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution

Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.

In a human volunteer study using 24 men and women, it was established that exposures of up to 2000ppm of ethanol for periods of up to 4 hours do not saturate metabolism and that elimination kinetics are first order. A linear relationship was established between exposure concentration and resultant blood ethanol concentrations, leading to the prediction that the a maximum blood ethanol concentration of 2.9mg/l results from an (indefinite) exposure to 1000ppm of ethanol.

In a study to assess the potential for skin uptake of ethanol from the use of personal care products, human volunteers applied ethanol over their whole bodies delivered from an aerosol can. The mean dose of ethanol applied was just under 10g per subject. Ethanol could not be unequivocally detected in the blood of any of the 16 volunteers in the hour immediately after application.

11.2 Information on toxicological effects

11.2.1 Substances

Acute toxicity

	Effect Dose	Species	Remark
Acute oral toxicity	LD50: 7000 mg/kg	Rat	Ethanol
Acute inhalation toxicity	LC50: 124700 mg/m ³ (4 hours)	Rat	Ethanol

Skin corrosion/irritation

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Ethanol: Skin – rabbit – mild skin irritation

Serious eye damage/irritation

Ethanol: Eyes – rabbit – Moderate eye irritation

Irritation to respiratory tract

No data available

Respiratory or skin sensitisation

No data available

CMR effects (carcinogenicity, mutagenicity and Toxicity for reproduction)

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1 % is identified as probable, possible or confirmed human carcinogen by IARC.

in-vitro Mutagenicity: No data available

Genotoxicity: No data available

in-vivo Mutagenicity: No data available

Germ cell mutagenicity: No data available

Toxicity for reproduction: No data available

Summarised evaluation of the CMR properties:

No component of this product present at levels greater than or equal to 0.1 % is identified as probable, possible or confirmed human carcinogen by IARC.

Specific target organ toxicity (STOT) – single exposure

Respiratory tract irritation and Narcotic effects

Symptoms related to the physical, chemical and toxicological characteristics:

In case of ingestion: Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.

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In case of skin contact: May cause skin irritation. Repeated exposure may cause skin cracking.

In case of inhalation: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation.

In case of eye contact: Irritating to eyes.

11.4 Other information

This products should never be ingested. Keep away from food and drink.

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12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ethanol: Toxicity to fish LC50 – *Oncorhynchus mykiss* – 42000 ug/L – 96 h

Ethanol: Toxicity to daphnia and other aquatic invertebrates: EC50 – *Daphnia magna* – 2000 ug/L – 48 h

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects:

No data available

12.7 Additional information:

On the available eco-toxicological data base, this product is classified in compliance with the European regulations related to the classification for Environment of preparations.

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

13.1.1 Product / Packaging disposal:

The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

13.1.2 Waste treatment options:

Must be dumped or incinerated at an approved center while complying with local regulations. Avoid disposal through the sewer and the dispersion in the environment.

13.1.2 Other disposal recommendations:

Empty containers should be taken to a site approved for the treatment of waste for recycling or disposal.

13.2 Additional information:

Not applicable.

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14. TRANSPORT INFORMATION

14.1 Land transport (ADR/RID/GGVSE):

UN-No: 3175 WITH RULES OF EXEMPTION. SEE SECTION 14.5.

Proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL)

Name according to bill of freight: Solids containing flammable liquid, n.o.s. (ETHANOL)

Transport Class(es): 4.1 Flammable solids WITH RULES OF EXEMPTION. SEE SECTION 14.5.

Risk Code: 40 WITH RULES OF EXEMPTION. SEE SECTION 14.5.

Packing group: II WITH RULES OF EXEMPTION. SEE SECTION 14.5.

Hazard label(s): Flammable WITH RULES OF EXEMPTION. SEE SECTION 14.5.

14.2 Sea transport (IMDG-Code/GGVSee):

UN No: 3175 WITH RULES OF EXEMPTION. SEE SECTION 14.5.

Proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL)

IMDG Class(es): 4.1 Flammable solids WITH RULES OF EXEMPTION. SEE SECTION 14.5.

Packing group: II WITH RULES OF EXEMPTION. SEE SECTION 14.5.

14.3 Air transport (ICAO-IATA/DGR):

UN No: 3175

Proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (ETHANOL)

ICAO/IATA Class(es): 4.1 Flammable solids

Packing group: II

Special provision(s): Flammable

14.4 Special precautions for user:

14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

This information is not available

14.5 Additional information

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ADR/RID chapter 3.3 Special rule 216: "Small inner packagings consisting of sealed packets or articles containing less than 10 ml of a Packing Group II or III flammable liquid absorbed into a solid material are not subject to these regulations provided there is no free liquid in the packet or article".

IMDG Code chapter 3.3 special rule 216: "Small inner packagings consisting of sealed packets or articles containing less than 10 ml of a Packing Group II or III flammable liquid absorbed into a solid material are not subject to these regulations provided there is no free liquid in the packet or article".

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15. REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or restrictions on use: No

Authorisations: No

Restrictions on use: No

Other EU regulations: 1907/2006, 1272/2008, 453/2010

Informations according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline): This information is not available

15.2 Chemical Safety Assessment:

Chemical safety assessment has not been carried out.

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16. OTHER INFORMATION

16.1 Indication of changes

Sep/23/2013 Updated transport information

Sep/17/2013 Updated transport information

16.2 Abbreviations and acronyms:

16.3 Key literature references and sources for data

REACH registration information
Supplier Material Data Sheet (SDS)

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:

Calculation method based on the classification of hazardous components.

16.5 Relevant R-, H- and EUH-phrases (number and full text):

H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	Mau cause drowsiness or dizziness
H400	Very toxic to aquatic life
H410	Very toxic to aqualtic life with long lasting effects
F	Flammable
Xi	Irritating

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R10	Flammable
R11	Highly flammable
R36	Irritating to eyes
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms
R51/53 the aquatic	Toxic to aquatic organisms, may cause long-term adverse effects in environment
S61 data sheet	Avoid release to the environment. Refer to special instructions/safety

16.6 Training advice:

The Safety Data Sheet is intended to provide information for a health and safety assessment of the material during transport, storage, or applied in the workplace. Attention to users is drawn to hazards resulting from improper use of the product.

16.7 Further information:

This sheet contains the data concerning the product that are known at the date of release. Document produced and managed by means of computer. Valid without signature.