

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking:**1.1 Product identifier:****Trade name:** ODABAN Antitranspirant-Deodorant Spray**1.2 Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

Application of the substance / the preparation: Mixture of substances for human hygiene**1.3 Details of the supplier of the safety data sheet:****Manufacturer/Supplier:**

MDM Healthcare Ltd.

Shady Grove House

Dooleys Lane

Wilmslow

SK9 5NX

United Kingdom

Email: admin@odaban.com

Tel: 0044 (0) 1625 444 838

Further information obtainable from: MDM Healthcare Ltd.**1.4 Emergency telephone number:** 0044 (0) 1625 444 838 (during business hours)**SECTION 2: Hazards identification:****2.1 Classification of the substance or mixture:****Classification according to Regulation (EC) No 1272/2008:**

flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



corrosion

Met. Corr. 1 H290 May be corrosive to metals.

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

2.2 Label elements:**Labelling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms:

GHS02 GHS05

Signal word: Danger**Hazard-determining components of labelling:**

aluminum chloride hexahydrate

Hazard statements:

H225 Highly flammable liquid and vapour.

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray

(Contd. of page 1)

- P103 Read carefully and follow all instructions.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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/doctor.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.



vPvB: Not applicable.

SECTION 3: Composition/information on ingredients:

3.2 Mixtures:

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 64-17-5	ethanol	>50-≤100%
EINECS: 200-578-6	 Flam. Liq. 2, H225 Specific concentration limit: Eye Irrit. 2; H319: C ≥ 50 %	
CAS: 7784-13-6	aluminum chloride hexahydrate	>10-≤25%
EINECS: 231-208-1	 Skin Corr. 1B, H314; Eye Dam. 1, H318, EUH071	

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures:

4.1 Description of first aid measures:

General information:

Take affected persons out into the fresh air.

Do not leave affected persons unattended.

After inhalation:

Take affected persons into fresh air and keep quiet.

Call a doctor immediately.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Call a doctor immediately.

After eye contact:

Rinse opened eye for several minutes under running water.

Call a doctor immediately.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

Hazards: Danger of gastric perforation.

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

No further relevant information available.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray

(Contd. of page 2)

SECTION 5: Firefighting measures:**5.1 Extinguishing media:****Suitable extinguishing agents:**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture:**

Can form explosive gas-air mixtures.

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Hydrogen chloride (HCl)

5.3 Advice for firefighters:**Protective equipment:**

Mouth respiratory protective device.

Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures:**6.1 Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

6.2 Environmental precautions: Do not allow product to reach sewage system or any water course.**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage:**7.1 Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Use only in well ventilated areas.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect from heat.

Flammable gas-air mixtures may form in empty receptacles.

7.2 Conditions for safe storage, including any incompatibilities:**Storage:****Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in the original receptacle.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

Store away from metals.

Further information about storage conditions:

Keep container tightly sealed.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray

(Contd. of page 3)

Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

Storage class: 3**7.3 Specific end use(s):** No further relevant information available.**SECTION 8: Exposure controls/personal protection:****8.1 Control parameters:****Ingredients with limit values that require monitoring at the workplace:****64-17-5 ethanol**WEL Long-term value: 1920 mg/m³, 1000 ppm**8.2 Exposure controls:****Appropriate engineering controls:** No further data; see section 7.**Individual protection measures, such as personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter ABEK2-P3

Hand protection: Protective gloves**Material of gloves:**

Butyl rubber, BR

Recommended thickness of the material: ≥ 0.7 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection: Tightly sealed goggles**SECTION 9: Physical and chemical properties:****9.1 Information on basic physical and chemical properties:****General Information:**

Physical state:	Fluid
Colour:	Clear
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range:	78 °C (64-17-5 ethanol)
Flammability:	Highly flammable.
Lower and upper explosion limit:	
Lower:	3.5 Vol % (64-17-5 ethanol)
Upper:	15 Vol % (64-17-5 ethanol)
Flash point:	13 °C (64-17-5 ethanol)
Decomposition temperature:	Not determined.
pH:	≤ 1

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray

(Contd. of page 4)

Viscosity:	
Kinematic viscosity:	Not determined.
Dynamic:	Not determined.
Solubility:	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure at 20 °C:	59 hPa (64-17-5 ethanol)
Density and/or relative density:	
Density:	Not determined.
Relative density:	Not determined.
Vapour density:	Not determined.
9.2 Other information:	
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.:	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Change in condition:	
Evaporation rate:	Not determined.
Information with regard to physical hazard classes:	
Explosives:	Void
Flammable gases:	Void
Aerosols:	Void
Oxidising gases:	Void
Gases under pressure:	Void
Flammable liquids:	Highly flammable liquid and vapour.
Flammable solids:	Void
Self-reactive substances and mixtures:	Void
Pyrophoric liquids:	Void
Pyrophoric solids:	Void
Self-heating substances and mixtures:	Void
Substances and mixtures, which emit flammable gases in contact with water:	Void
Oxidising liquids:	Void
Oxidising solids:	Void
Organic peroxides:	Void
Corrosive to metals:	May be corrosive to metals.
Desensitised explosives:	Void

SECTION 10: Stability and reactivity:

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:

Reacts with various metals.

Forms explosive gas mixture with air.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Hydrogen chloride (HCl)

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray

(Contd. of page 5)

Flammable gases/vapours

SECTION 11: Toxicological information:**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:****Acute toxicity:** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:****64-17-5 ethanol**

Oral LD50 7,060 mg/kg (rat)

Inhalative LC50/4 h 20,000 mg/l (rat)

7784-13-6 aluminum chloride hexahydrate

Oral LD50 3,450 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rabbit)

Skin corrosion/irritation:

Causes severe skin burns and eye damage.

Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or 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.**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.**Aspiration hazard:** Based on available data, the classification criteria are not met.**11.2 Information on other hazards:****Endocrine disrupting properties:**

None of the ingredients is listed.

SECTION 12: Ecological information:**12.1 Toxicity:****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability:** No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.**12.4 Mobility in soil:** No further relevant information available.**12.5 Results of PBT and vPvB assessment:****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties:**

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects:**Additional ecological information:****General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations:**13.1 Waste treatment methods:****Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray

(Contd. of page 6)

SECTION 14: Transport information:

14.1 UN number or ID number:

ADR, IMDG, IATA

UN2924

14.2 UN proper shipping name:

ADR

2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S.
(ETHANOL (ETHYL ALCOHOL), aluminum chloride hexahydrate)

IMDG

FLAMMABLE LIQUID, CORROSIVE, N.O.S.
(ETHANOL (ETHYL ALCOHOL), aluminum chloride hexahydrate)

IATA

FLAMMABLE LIQUID, CORROSIVE, N.O.S.
(ETHANOL, aluminum chloride hexahydrate)

14.3 Transport hazard class(es):

ADR



Class:

3 Flammable liquids.

Label:

3+8

IMDG



Class:

3 Flammable liquids.

Label:

3/8

IATA



Class:

3 Flammable liquids.

Label:

3 (8)

14.4 Packing group:

ADR, IMDG, IATA

II

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user:

Warning: Flammable liquids.

Hazard identification number (Kemler code):

338

EMS Number:

F-E,S-C

Stowage Category:

B

Stowage Code:

SW2 Clear of living quarters.

14.7 Maritime transport in bulk according to IMO instruments:

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ):

1L

Transport category:

2

Tunnel restriction code:

D/E

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray**UN "Model Regulation":**(Contd. of page 7)
UN 2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S.
(ETHANOL (ETHYL ALCOHOL), ALUMINUM
CHLORIDE HEXAHYDRATE), 3 (8), II**SECTION 15: Regulatory information:****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:****Poisons Act:****Regulated explosives precursors:**

None of the ingredients is listed.

Regulated poisons:

None of the ingredients is listed.

Reportable explosives precursors:

None of the ingredients is listed.

Reportable poisons:

None of the ingredients is listed.

Directive 2012/18/EU:**Named dangerous substances - ANNEX I:** None of the ingredients is listed.**Seveso category:** P5c FLAMMABLE LIQUIDS**Qualifying quantity (tonnes) for the application of lower-tier requirements:** 5,000 t**Qualifying quantity (tonnes) for the application of upper-tier requirements:** 50,000 t**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information:**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:H225 Highly flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
EUH071 Corrosive to the respiratory tract.**Training hints:**

Employees who use the product have to be trained on risks for health, hygiene, use of individual protection, accident preventive actions, rescue actions, etc.,

Department issuing SDS:ADEEGO GmbH
Wildsteig 4A
D-42113 Wuppertal
Tel. +49 (0) 202 2575700
Fax. +49 (0) 202 2575701
Email: mail@adeego.de
www.adeego.de

© Copyright by ADEEGO GmbH

Contact: Dr. Axel Deeg**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (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

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

(Contd. on page 9)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 23.04.2024

Version number: 1.0

Revision: 23.04.2024

Trade name: ODABAN Antitranspirant-Deodorant Spray

(Contd. of page 8)

LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
Met. Corr. 1: Corrosive to metals – Category 1
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
