

Safety data-sheet (91/155 EEC)

Printed 11.01.2010
Revision 07.12.2007 (GB) Version 1.3
Adisolve Aerosol
970 801

The logo for Adisolve, featuring the word "Adisolve" in a white, sans-serif font centered within a solid orange rectangular background.

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

Name of product: Adisolve Aerosol

Art-Nr

Manufacturer/distributor

Adiseal Ltd
Unit 29, St Marys St, Preston, Lancashire, PR1 5LN
Phone: 01772 556658, Fax:01772 490325

E-Mail: info@adiseal.com
Internet: www.adiseal.com

Advice

Adiseal Ltd
Phone: 01772 556658

Emergency advice

Adiseal Ltd
Phone: 01772 556658

! 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Preparation on the basis of aliphatic hydrocarbons, alcohol, acetone and scent extracts. Propellant: carbon dioxide

! Hazardous ingredients

CAS-No.EC-No. Name [% weight] Classification

000067-64-1 200-662-2 acetone 1 - 5 F R11; Xi R36; R66;R67

064742-49-0 265-151-9 Naphtha (petroleum), hydrotreated light > 30 F R11; Xn R65; N R51/53; Xi R 38;R 67

3. HAZARDS IDENTIFICATION

R-phrases

11 Highly flammable.

38 Irritating to skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

67 Vapours may cause drowsiness and dizziness.

Special hazards information for humans and environment

Harmful: may cause lung damage if swallowed.

4. FIRST AID MEASURES

General information

If threatening unconsciousness, position and transport in recovery position

In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

In case of eye contact

In case of contact with eyes rinsing with plenty of lukewarm water carefully and seek for medical treatment.

In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

Treatment (Advice to doctor)

If swallowed or in the event of vomiting, risk of entering the lungs.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry powder
Carbon dioxide
Water spray jet

Extinguishing media which must not be used for safety reasons

Strong water jet

Special protective equipment for fire-fighters

Do not inhale explosion and/or combustion gases.

Additional information

Cool endangered containers with water spray jet.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Keep people away and stay on the upwind side.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the subsoil/soil.

Methods for cleaning up

Take up with absorbent material.
After taking up the material dispose according to regulation.

Additional Information

Information for safe handling see chapter 7.

7. HANDLING AND STORAGE

Advice on safe handling

Provide suitable extraction at the processing machines.
Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
Handle only in the open air or in explosion-proof rooms.

Requirements for storage rooms and vessels

Keep in closed original container.

Further information on storage conditions

Store closed container at cool and aired place.
Protect from direct solar radiation.
Do not keep at temperatures above 60°C.

! 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

! Ingredients with occupational exposure limits to be monitored

CAS-No.Name Code [mg/m³] [ml/m³] Remark

000067-64-1 acetone MAK 1200 500

064742-49-0 Hydrocarbon Vapours Gr. 1 (TRGS 404) MAK 350

Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.

Hand protection

Protective gloves

Eye protection

safety goggles

Skin protection

light protective clothing

General protective measures

Avoid contact with the eyes.

Hygiene measures

At work do not eat, drink and smoke.

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! 9. PHYSICAL AND CHEMICAL PROPERTIES

Form Aerosol	Colour colourless	Odour characteristic
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Important health, safety and environmental information

Value Temperature at Method Remark

pH value in delivery state		not applicable
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boiling range	ca. 70 °C
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Flash point	< 0 °C DIN 51755
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Combustion temperature	ca. 250 °C
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Lower explosion limit	ca. 1 Vol-%
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Upper explosion limit	ca. 7 Vol-% DIN 51649
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Vapour pressure	ca. 45 mbar 20 °C
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Density	ca. 0,68 - 0,72 g/cm ³	20 °C
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Solubility in water		immiscible
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10. STABILITY AND REACTIVITY

Conditions to avoid	Risk of bursting.
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! 11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

Value/Validation Species Method Remark

LD 50 acute oral	> 2000 mg/kg rat	Information concerns to main component.
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LD 50 acute dermal	> 2000 mg/kg rat
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LC 50 acute inhalation	ca. 33 mg/l (4 h) rat
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Irritability skin	irritant experiences
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Irritability eye	low irritant - no labeling duty experiences
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Sensitisation skin	non-sensitising
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Experiences made from practice

Frequent persistent contact with the skin may cause skin irritation.

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

Elimination rate Method of analysis Method Validation

Biological Degradability	Moderately/partially biodegradable
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Additional ecological information

Value Method Remark

COD not determined

BOD not determined

AOX The product contains no organically bound halogen in accordance with the formulation

13. DISPOSAL CONSIDERATIONS

Waste code No. Name of waste

16 05 04* gases in pressure containers (including halons) containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Incinerate in suitable incineration plant, but care for official regulations.

Recommendations for packaging

Barrel: return by DSD (Dualistic System Germany)

14. TRANSPORT INFORMATION

Land and inland navigation transport (ADR/RID/GGVs/GGVE/ADNR)

UN 1950 AEROSOLS, 2.1

Marine transport IMDG/GGV See

UN 1950 AEROSOLS, 2

Air transport ICAO/IATA

UN 1950 Aerosols, flammable, 2.1

! 15. REGULATORY INFORMATION

Remarks for classification

The product is classified and labeled in accordance with EC directives/German regulations on dangerous substances.

Classification

F	Highly flammable
N	Dangerous for the environment
Xi	Irritant

R-phrases

11 Highly flammable.
38 Irritating to skin.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67 Vapours may cause drowsiness and dizziness.

S-phrases

16 Keep away from sources of ignition - No smoking.
2 Keep out of the reach of children.
23.3 Do not breathe vapour.
25 Avoid contact with eyes.
29 Do not empty into drains.
46 If swallowed, seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.
56 Dispose of this material and its container to hazardous or special waste collection point.

Hazardous ingredients for labeling

Naphtha (petroleum), hydrotreated light

VOC standard

VOC content	ca.100 % 20 °C 50 hPa
VOC value	680-720 g/L

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! 16. OTHER INFORMATION

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information provided in this Safety Data Sheet is based on pure present state of knowledge and concerns the product as supplied.

The information given is designed to describe the preparation in terms of safety requirements. Therefore, it should be construed as guaranteeing specific properties or fitness for any use.

Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from the sources of ignition - No smoking

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (e.g. in the car).

Without sufficient ventilation formation of explosive mixtures may be possible.

! Sources of key data used

91/155/EWG (2001/58/EG), 67/548/EWG (2001/59/EG), 1999/45/EG (2001/60/EG), 91/689/EWG (2001/118/EG), GefStoffV vom 18.05. 2000, 89/542/EWG, 89/686/EWG, WRMG, WHG, TRG 300, TRGS 200, TRGS 220, ADR 2003, IMDG-Code (31.Amdt)

Wording of the R-phrases specified in chapter 2 (not the classification of the formulation!)

R 11 Highly flammable.

R 36 Irritating to eyes.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.