

Safety data sheet

LUBRICANT SPRAY PS88

ABUS PFLEGESPRAY PS88

CH20007A0050
 CH20007A0125
 CH20017A0050
 CH20027A0050
 CH20037A0050

1. Identification of the substance/preparation and of the company/undertaking

Revision: 04.08.2009/ RG Replaces: 05.09.2008 Product use: Combination of mineral-fattyacid esters, against oxidation, wear and corrosion dissolved in petroleum distillate with propane/butane as propellants.	Supplier: ABUS August Bremicker Söhne KG Altenhofer Weg 25 58300 Wetter Tel:+49 (0)2335 6340 Fax:+49 (0)2335 634316 Emergency telephone number: +49 (0)2335 6340 (Mo-Do 07.15-16.45; Fr 07.15-15.00) Email: info@abus.de
Supplied by: RS Components Ltd, Birchington Road, Corby, Northants, NN17 9RS. Tel: +44 (0) 1536 402888 (8am to 8pm) Email: technical.help@rs-components.com	

2. Hazards identification

Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking.
Additional information Preparation classified as hazardous in the sense of directive 1999/45/EC. Danger of bursting (explosion) when heated. When using: development of explosive vapour/air mixture possible.

3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
265-150-3	64742-48-9	Naphtha (petroleum), hydrotreated heavy	R10 Xn;R65 R66 R67	25-50
265-151-9	64742-49-0	Naphtha (petroleum), hydrotreated light (< 0,1% benzene)	F; R11 Xn;R65 Xi;R38 N;R51/53 R67	5-10
265-185-4	64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy	Xn;R65 R66	1-5

Please see section 16 for the full text of the R-phrases

4. First aid measures

Inhalation Seek fresh air. Seek medical advice if symptoms persist and show this safety data sheet to the doctor.
Ingestion Rinse mouth thoroughly and then drink plenty of water. Seek medical advice if symptoms persist and show this safety data sheet to the doctor.
Skin Remove contaminated clothes. Wash skin with water and soap. Seek medical advice if symptoms persist and show this safety data sheet to the doctor.
Eyes Rinse immediately with water (preferably using eye wash) for at least 5 minutes. Open eyes wide. Remove any contact lenses. Seek medical advice if irritation persists and show this safety data sheet to the doctor.
Burns Rinse with water until pain stops. Remove clothes which do not adhere to the body - seek medical advice; if possible continue rinsing until doctor takes over treatment.

5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water spray, as it may spread the fire. Use water or water mist to cool non-ignited stock. Remove containers from the danger area if this is possible without risk. Do not inhale vapours and flue gases - seek fresh air. ATTENTION! Spray cans may explode.
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6. Accidental release measures

Use the same personal protection as for item 8. Provide ventilation. Mop up splashes with a cloth and dispose as for adequate item 13. Smoking and naked flames prohibited.

7. Handling and storage**Handling**

Please see item 8 for information on personal protection. Smoking and naked flames prohibited.

Storage

Store safely, out of reach of children and not together with food, animal feeding stuffs, medicines, etc. Container under pressure. Must be protected from sunlight. Do not expose to temperatures above 50°C.

8. Exposure controls/ personal protection**Precautions for use**

Work must be done with effective process ventilation (e.g. local extractor fan). There must be access to running water and eye wash. Wash hands before breaks and toilet visits and after work. Smoking and naked flames prohibited.

Respiratory protection

Not necessary, if well ventilated. During working processes with risk for inhalation of vapours from the product, respiratory equipment with filter A2P2 should be used.

Gloves and protective clothing

Wear protective nitrile gloves (EN 374)

Eye protection

Tight fitting protective goggles with side protection (EN 166)

Occupational exposure limits

Ingredients	Exposure limit	Remarks
Naphtha (petroleum), hydrotreated heavy	(8h TWA), 109 (15 min) mg/m ³	-
Naphtha (petroleum), hydrotreated light (< 0,1% benzene)	200 ppm 1000 mg/m ³	-
butane	200 ppm 1000 mg/m ³ 600 (8h TWA), 750 (15 min) ppm 1450 (8h TWA), 1810 (15 min) mg/m ³	-

The exposure limits stated are in accordance with EH40/2002 Occupational Exposure Limits 2002. (EH40/2002 Occupational Exposure Limits 2002)

Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. Physical and chemical properties

Appearance: Aerosol, brown
Solubility in water: Insoluble
Vapour pressure: 3200 mbar/20 °C
Explosive properties (vol% in air): 0,8-6
VOC : 79,89% w/w

10. Stability and reactivity

Conditions to avoid:
Pressure increase will result in danger of bursting.
Heating, open flame, ignition sources.
Materials to avoid:
Avoid contact with other chemicals.

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11. Toxicological information

Acute

Inhalation

The product releases vapours from organic solvents, which may cause lethargy and dizziness. At high concentrations vapours may cause headaches and intoxication.

Ingestion

May irritate mucous membranes in mouth and stomach/intestine.

Skin contact

Degreases and dries skin. Repeated exposure may cause skin dryness or cracking.

Eye contact

May irritate the eye.

Long-term effects

May cause damage to the central nervous system

Prolonged or repeated inhalation of vapours may damage the central nervous system.

12. Ecological information

Avoid discharge into drains or surface water.

Persistence and degradability

According to the recipe, contains no AOX.

13. Disposal considerations

Do not dispose of partly used or empty spray cans in refuse collection. Deliver spray cans to the local disposal facility for chemical waste.

Aerosol sprays:

EWC code: 16 05 04 Gases in pressure tanks containing dangerous cargo.

for contaminated packing material:

15 01 04 metallic packing

15 01 01 paper and cardboard packaging

14. Transport information

Transport has to take place in accordance with national and/or international rules for transport of dangerous goods on road, rail and sea according to ADR, RID and IMDG.

ADR: UN 1950 ; AEROSOLS ; 2.1 ; -

IMDG: UN 1950 ; AEROSOLS ; 2.1 ; -

Classification code: 5F Label ADR: 2.1* Hazard identification number: -

Flash point: -80°C Label IMDG: 2.1 IMDG EmS.: F-D,S-U

Transport according to ADR 1.1.3.6:Factor: 3. Maximum total quantity per transport unit: 333 l/kg.

* Is to be labelled: "UN 1950 AEROSOL"

Limited quantities

LQ2

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15. Regulatory information



Extremely flammable

Hazard designation: Extremely flammable

Hazard symbols: F+

Contains

-

R-phrases

Extremely flammable. (R12)

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R52/53)

Repeated exposure may cause skin dryness or cracking. (R66)

S-phrases

Keep away from sources of ignition - No smoking. (S16)

Do not breathe spray . (S23)

Avoid contact with the skin. (S24)

Use only in well ventilated areas. (S51)

Other labelling

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Chemical safety assessment

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16. Other information**Restrictions on use**

None

Training requirement

No special training is necessary but a thorough knowledge of this safety data sheet is assumed.

Line of business

Automotive trade

Packaging

50ml; 125ml;

Sources used

Regulation (EC) No 1907/2006, Annex II

Approved guide to the classification and labelling of substances and preparations dangerous for supply (fifth edition) 2002.

Approved Supply List (Seventh edition).

Transport regulations for ADR/RID 2003 edition and IMDG 2003 edition.

Commission decision. List of wastes 2001/118/EC

The compilation of safety data sheets (third edition): Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. Approved Code of Practice.

Other information

VOC-CH: 0,077 kg / 125 ml

0,031 kg / 50 ml

VOC 1999/13/EG: 83,7 % w/w (125 ml)

85,0 % w/w (50 ml)

This safety data sheet was prepared on the basis of information from the supplier on the product (e.g. material data sheets and the like).

Full text of the R-phrases that are stated in section 3.

R10 Flammable.

R65 Harmful: May cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

R11 Highly flammable.

R38 Irritating to the skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Amendments have been made in the following sections

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