

Material Safety Data Sheet

EU directive 2001/58/EEC

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

Product name	Aluminium wound spray
Catalogue no.	161035
Substance / preparation	Aerosol
Product registration no. (PR-no.)	
Use	An astringent and antibacterial spray, which promotes wound healing. For external use on animals only.
Product delivered by	JØRGEN KRUUSE A/S Marslev Byvej 35 DK-5290 Marslev. Denmark Phone: +45 7214 1511 Fax: +45 7214 1400
Emergency telephone	112

2. Composition / information on ingredients

Einecs / Elincs name	Chemical name	Contents %	Cas no.	Classification *	Other
206-016-6	Cyclopentane	25 - 50	287-92-3	F; R11-52/53	
Composition					

* See item 16 for description of R-phrases

3. Hazards identification

Classified as dangerous	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Main hazards:		
- for the substance	Extremely flammable.	
- for human		
- for environment	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	

4. First-aid measures

General information	Always ask medical advice as soon as possible should serious or continuous disturbances occur.	
Skin	Rinse first with plenty of water and seek medical attention.	
Eyes	First prolonged rinsing with water (contact lenses to be removed if this is easily done= then take to physician.	
Swallowing	In case of serious or continuous discomforts: remove to fresh air and seek medical attention.	
Ingestion	Rinse mouth; do not induce vomiting and transport to hospital.	
Burns		
Information to the doctor		
Is immediate assistance by a doctor needed	Yes <input type="checkbox"/>	No <input type="checkbox"/>

5. Fire-fighting measures

Measures against fire	None..
Extinguishing media	CO2, foam, powder, sprayed water.
Extinguishing media which must NOT be used	None

6. Accidental release measures

Personal precautions	No eating, drinking or smoking during work.
Environmental precautions	Do not allow to flow into sewers or open water
Cleaning up	Remove by using absorbent material.
Other things	Keep in a sealed container, out of reach of children.

7. Handling and storage

Handling	Handle with care to avoid spillage.
Storage	Keep in a sealed container in a closed, frost-free, ventilated room.
Specific use	
Other things	Avoid plastic as packing material.

8. Exposure controls / personal protection

Technical precautions	
Personal protection (respiratory, hands, skin, eyes)	Inhalation: Universal mask Skin: None Eye: None Other: None

Occupational exposure limits (TLV)

CAS no.	Substance	ml/m ³	mg/m ³	F/m ³	Category	Type
287-92-3	Cyclopentane		1400			

9. Physical and chemical properties

Appearance	Liquid	Colour	Characteristic
Melting point °C	< 20 gr. C	Smell	
Flammability		Boiling point °C	35 - 37
Solubility	Insoluble	Flash point °C	< 0
Density	0,670	Explosiability	
pH		Viscosity	1 mPa at. 20 °C
Vapour pressure	6500 Pa	Ignition point °C	285

10. Stability and reactivity

Conditions to avoid	Keep away from sources of ignition
Materials to avoid	None

11. Toxicological information (health effects)

General information	Not applicable under actual EEC guidelines for preparations. See ingredients under section 2.
---------------------	---

12. Ecological information

About the substance itself	Not applicable under actual EEC guidelines for preparations. See ingredients under section 2.
----------------------------	---


13. Disposal considerations

General information	Draining into the sewers is not permitted, as this product contains more than 10 % of organic solvents.
Methods of disposal	Check with local authorities.

14. Transport information

Transportation	UN no.	Proper shipping name	Danger class	Packaging group	Other
ADR (road)	1950	Aerosols 2.1	2F		

15. Regulatory information

Danger description	Letter	Description	Danger symbol
	F	Extremely flammable	
R-phrases (risks)	R 12 R 52 / 53	Extremely flammable Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
S-phrases (precaution rules)	S 2 S 3 S 23 S 29 S 46 S 51	Keep out of reach of children Keep in a cool place Do not breath gas / fumes / vapour / spray Do not empty into drains If swallowed, seek medical advice immediately and show the container or label Use only in well ventilated areas	
Other things		Pressurized container. Protect from sunlight and do not expose to temperatures exceeding + 50 gr. C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Do not smoke.	

16. Other information

R-phrases from item 2	R 11 R 12 R 52 R 53	Highly flammable Extremely flammable Harmful to aquatic organisms May cause long-term adverse effects in the aquatic environment.
------------------------------	------------------------------	--

Revision date	Change
24-may-03	Changes in section 14 and 16.
03-mar-03	First issue.