

Productname : AMBERGLIDE
Ref.Nr.: UK10041-3-050908
Creationdate : 05.09.08
Replaces: 15.02.08

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : AMBERGLIDE
Aerosol

Application : Lubricants

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2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
Environment : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Other hazards : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	203-749-3	0-1	Xi,N	38-41-50/53	
n-butyl acetate	123-86-4	204-658-1	1-5		10-66-67	
Distillates (petroleum), hydrotreated light; Kerosine - unspecified	64742-47-8	265-149-8	10-30	Xn	65-66	B
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	30-60	F+	12	K
1H-Imidazole-1-ethanol, 2-(8-heptadecenyl)-4,5-	95-38-5	202-414-9	0-1	C,N	22-34-50/53	



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Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
dihydro-						
Explanation notes						
B : substance with national established workplace exposure limit						
K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)						

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice : The usual precautions for handling chemicals should be observed
If any symptoms should occur, seek medical advice.

Contact with eyes : If substance has got into eyes, immediately wash out with plenty of water

Contact with skin : Wash with water and soap.

Inhalation : Fresh air, keep warm and at rest.

Ingestion : Ingestion is unlikely to occur
If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): not applicable

Explosion limits : upper limit : not available

lower limit : not available

Extinguishing media : foam, carbon dioxide or dry agent

Fire-fighting procedures : Keep container(s) exposed to fire cool, by spraying with water

Unusual exposure hazard : Aerosols may explode if heated above 50°C

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Shut off all ignition sources
Ensure adequate ventilation

Environmental precautions : Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

Cleaning methods : Absorb spillage in suitable inert material



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7. HANDLING AND STORAGE

Handling procedures : Use only in well ventilated areas
Do not pierce or burn aerosols, even after use.
Do not spray on a naked flame or incandescent material.
Do not breathe aerosols or vapours.
Avoid contact with skin and eyes.

Storage procedures : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep in a cool, dry, well ventilated place
Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures : Ensure adequate ventilation
Keep away from heat and sources of ignition

Personal protection : It is advisable to take precautions to avoid contact with skin and eyes when handling the product.
Use only in well ventilated areas

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.

hands and skin : Wear suitable protective gloves

eyes : Wear safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state : Liquid under pressure
colour : amber
odour : solvent

Boiling point/range : not available
Relative density : 0.875 g/cm³ (@ 20°C)
pH : not applicable
Vapour pressure : not available
Relative vapour density : not available
Solubility in water : Insoluble in water
Flash point : not applicable
Auto-ignition : not available
Viscosity : not available
Evaporation rate : not available



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10. STABILITY AND REACTIVITY

Conditions to be avoided : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep away from heat and sources of ignition
No hazardous reactions known if used for its intended purpose

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : carbon oxides

11. TOXICOLOGICAL INFORMATION

Inhalation : Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Ingestion : Ingestion is unlikely to occur
After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.

Skin contact : Prolonged skin contact will result in defatting of the skin

Eye contact : Irritating to eyes

Other information: No experimental data available

12. ECOLOGICAL INFORMATION

Hazardous ingredient	CAS-nr	method	
(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	110-25-8	LC50 fish	1-10 mg/l
		EC50 daphnia	0.68 mg/l

Other adverse effects : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
No experimental data available

13. WASTE DISPOSAL

National regulations : Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

UN-number : 1950

Road/Rail - ADR/RID : UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1

Sea - IMDG : UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA, Label : 2.1



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EmS	F-D,S-U
Air - IATA/ICAO :	UN1950 Aerosols, flammable Class : 2.1, PG : NA, Label : RFG
Packing instr. LQ	Y203
PAX	203
CAO	203

15. REGULATORY INFORMATION

Warning symbol(s) :	F+
Risk-phrase(s) :	R12: Extremely flammable. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety-phrase(s) :	S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. S51: Use only in well-ventilated areas.

Pressurised 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.

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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REVISIONS IN CHAPTRE : 3

***Explanation risk-phrases:**

- R10: Flammable.
- R12: Extremely flammable.
- R22: Harmful if swallowed.
- R34: Causes burns.
- R38: Irritating to skin.
- R41: Risk of serious damage to eyes.
- R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65: Harmful: may cause lung damage if swallowed.
- R66: Repeated exposure may cause skin dryness or cracking.
- R67: Vapours may cause drowsiness and dizziness.



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