

SAFETY DATA SHEET

Page 1 of 4

VAPOSOL AMC.

Revision 2

Revision date 19-Feb-2008

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name VAPOSOL AMC.
 Company Stowlin Limited
 Radnor Road
 South Wigston
 Leicester
 LE18 4XY
 United Kingdom
 Telephone +44 (0)116 278 5373
 Fax +44(0)116 277 2616

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Acetone	1-10%	67-64-1	200-662-2	F, R11 X; R36 R66 R67
Dichloromethane	80-90%	75-09-2	200-838-9	Carc Cat 3; R40

3. HAZARD IDENTIFICATION

Main hazards Limited evidence of a carcinogenic effect.
 Other hazards Irritating to eyes and skin.

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
 Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
 Inhalation Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
 Ingestion Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO2), dry chemical, foam.
 Fire hazards Burning produces irritating, toxic and obnoxious fumes.
 Protective equipment Self-contained breathing apparatus. Wear protective clothing.

VAPOSOL AMC.

Revision 2
Revision date 19-Feb-2008

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Acetone	WEL 8-hr limit ppm: 500	WEL 8-hr limit mg/m ³ : 1210
	WEL 15 min limit ppm: 1500	WEL 15 min limit mg/m ³ : 3620
Dichloromethane	WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m ³ : 350
	WEL 15 min limit ppm: 300	WEL 15 min limit mg/m ³ : 1060

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Clear.
Odour	Mild.
pH	N/A
Boiling point	42°C
Vapour pressure	385mm Hg @ 20°C
Relative density	1.27
Water solubility	slightly soluble in water.
Autoignition temperature	550°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames. Light. Moisture.
Materials to avoid	Alkali metals. Caustics. Finely powdered metals. Oxidising agents. Strong bases.
Hazardous decomposition products	Carbon oxides. Hydrogen chloride. Phosgene.

VAPOSOL AMC.

Revision 2

Revision date 19-Feb-2008

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Headache, nausea and vomiting. In severe cases, may cause loss of consciousness. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
Corrosivity	Irritating to eyes and skin. May cause degreasing of the skin. May cause dermatitis.
Sensitization	The substance has not been tested at all for this end point, so its hazardous property in this regard is not known.
Repeated or prolonged exposure	Repeated or prolonged exposure may cause damage to liver, kidneys and central nervous system.
Mutagenic effects	No mutagenic effects reported.
Reproductive toxicity	No embryo-fetotoxicity at non-toxic maternal doses (Rat/inhalation)

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxicity to aquatic life is expected to be low.
Mobility	Rapid evaporation.
Bioaccumulation	Does not bioaccumulate.

13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
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14. TRANSPORT INFORMATION

ADR/RID

UN 2810	Packing group III
Class 6.1	Hazard ID 60
Proper Shipping Name N.O.S.	TOXIC LIQUID, ORGANIC.

IMDG

UN 2810	Packing group III
Class 6.1	Marine pollutant .
EmS Code F-A S-A	

IATA

UN 2810	Packing group III
Class 6.1	Subsidiary risk -
Packing Instruction 618 (Cargo)	Maximum quantity 220 L
Packing Instruction 611 (Passenger)	Maximum quantity 60 L

VAPOSOL AMC.

Revision 2

Revision date 19-Feb-2008

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols Xn - Harmful



Risk phrases R40 - Limited evidence of a carcinogenic effect.

Safety phrases S9 - Keep container in a well-ventilated place.

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

S23 - Do not breathe gas/fumes/vapour/spray.

S24/25 - Avoid contact with skin and eyes.

S36/37 - Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

Text of risk phrases in R11 - Highly flammable.

Section 2 R36 - Irritating to eyes.

R40 - Limited evidence of a carcinogenic effect.

R66 - Repeated exposure may cause skin dryness or cracking.

R67 - Vapours may cause drowsiness and dizziness.

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision This document differs from the previous version in the following areas:

2 - hazardous ingredients.