

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52470

18/01/07

PERFORMANCE DEGREASER PLUS AEROSOL

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product name: Performance Degreaser Plus Aerosol (DSI 1000E)

Stock code: 52470

Intended Use: Adhesive, ink and resin removal.

Manufacturer: Mykal Industries Ltd Unit 5, Morris Close, Park Farm Ind. Est.,
Wellingborough,
Northants. NN8 6XF
Telephone Number: 01933 402822
Fax Number: 01933 402488

Distributor: John Astley & Sons Ltd,
Renown Avenue,
Coventry Business Park,
Coventry, CV5 6UF
Tel: (024) 7685 4545. Fax: (024) 7685 4515. E-mail: sales@astleys.co.uk

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient.	CAS No.	EINECS No.	Content	Classification
Aliphatic Hydrocarbon	64742-47-8	265-149-8	50-70%	Xn; R65
N-methyl Pyrrolidone	872-50-4	212-828-1	<10%	Xi; R36/38
Orange terpenes	8028-48-6	232-433-8	5-10%	Xn; R10, R65
L.P.G	68476-85-7	270-704-2	10-30%	Xn; R12, R65

Comments: Benzene <0.1%.

3. HAZARDS IDENTIFICATION OF THE PREPARATION

This product is classified as Extremely Flammable under the CHIP (3) Regulations.

4. FIRST AID MEASURES

Inhalation: Remove patient to fresh air, keep at rest and seek medical advice.

Eye Contact: Flush with water as needed.

Skin Contact: Wash with soap and water; remove any contaminated clothing and shoes.
Do not allow saturated clothing to remain in contact with skin for prolonged periods

Ingestion: Do not induce vomiting. May be harmful if ingested into the lungs.
Seek medical advice

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water fog, CO₂, dry powder or foam.
The use of water streams should be avoided, as this will tend to spread the fire

Fire fighting procedures: Suitable self-contained breathing apparatus should be used in confined areas.
Use water spray to keep containers cool.

Unusual fire & Explosion hazards: Possible risk of can rupture when exposed to fire or high temperatures.
Contents of can will add to fire.

Hazardous Decomposition products: Burning product will liberate CO₂ and possibly CO. Avoid breathing smoke.

6. ACCIDENTAL RELEASE MEASURES

Spill clean up Methods: Contain and absorb with dry sand or oil absorbent.
Dispose of as dry oil waste.
Used or contaminated product should not be allowed to enter waterways.

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7. HANDLING & STORAGE

- Handling:** Do not handle or use near open flames or sources of ignition.
- Storage:** Store in cool, well-ventilated place away from sources of ignition and heat.
- Caution:** Pressurized container. Do not expose to temperatures exceeding 50C.
Do not puncture or incinerate even when empty.
Do not spray onto naked flame or incandescent material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient.	CAS No.	LT Exposure 8 hours.	ST Exposure 10 mins.
Aliphatic Hydrocarbon:	64742-47-8	1200mg/m3.	
N-methyl Pyrrolidone:	872-50-4	103mg/m3	309mg/m3
Orange terpenes:	8028-48-6	800mg/m3.	
L.P.G:	68476-85-7	400ppm.	
Engineering:	No special precautions.		
Ventilation:	Adequate natural ventilation will suffice in most instances.		
Respiratory:	None required in normal use.		
Eye protection:	Safety glasses should be worn to prevent splashes.		
Skin protection:	The use of Neoprene rubber gloves and/or apron is advised.		

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	171-255°C (ASTM 1087)
Appearance:	Clear, colourless liquid
Odour:	Citrus.
pH:	No data available.
Flash Point:	-20°C
Explosive Limits:	LEL – 0.6% @ 28°C UEL – 6.5% @ 28°C
Density:	0.84 g/cm ³
Vapour Density (Air=1):	4.5 @ 80°C
Viscosity:	2.04 mm ² /S (IP71)
Solubility (Water):	Partially soluble.
Auto Ignition:	195°C (ASTM E659)

10. STABILITY AND CHEMICAL PROPERTIES

- Conditions to avoid:** Avoid open flames, welding arcs, or other high temperature sources which induce thermal decomposition.
- Materials to avoid:** Avoid contact with strong oxidising agents.
- Hazardous Decomposition Products:** As with any organic material, combustion will liberate carbon dioxide and/or carbon monoxide

11. TOXICOLOGICAL INFORMATION

- Ingestion:** May cause slight irritation to mouth and intestinal system
Liquid ingested into lungs may cause bronchial pneumonia.
- Inhalation:** High concentrations of vapour may cause dizziness.
- Skin Contact:** Prolonged skin contact may aggravate dermatitis in sensitive individuals.
- Eye Contact:** May cause slight irritation.

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12. ECOLOGICAL INFORMATION

- Biodegradation (EEC):** Biodegradable, liquid will evaporate readily.
- Other:** Inherently biodegradable (OECD) No acute toxicity to aquatic organisms is expected.

13. DISPOSAL CONSIDERATIONS

- Disposal method:** Aerosol cans need to be emptied completely before disposal.
Do not puncture cans even when empty
Dispose of empty cans in dry waste.
Contaminated waste should be disposed of in accordance with the contaminant.
Any disposal practice must be in compliance with all local and national laws and regulations.

14. TRANSPORT INFORMATION

- Intrastate Ref:** 2901.10.90
UN Number: 1950
Class: 2.1
Proper Shipping Name: Aerosols

15. REGULATORY INFORMATION

- Risk Phrases:** R-10 Flammable.
R-12 Extremely Flammable.
R-65 Harmful, may cause lung damage if swallowed.
- Safety Phrases:** S-16 Keep away from sources of ignition, No smoking.
S-51 Use only in well ventilated areas.
S-23 Do not breathe spray.
S-2 Keep out of the reach of children.

16. OTHER INFORMATION

The advice is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of specific properties, technical performance or suitability for particular applications.