

**FLEET (LINE MARKERS) LTD**

Fleet House
Spring Lane
Malvern
Worcestershire
WR14 1AT
U.K.

Tel: +44 (0) 1684 573 535
Fax: +44 (0) 1684 892 784

PRODUCT HEALTH AND SAFETY

1. COMPANY PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **XYLENE FREE AEROSOL (750ml)**
PRODUCT PURPOSE: **LINE / ZONE MARKING (OUTDOOR)**
COMPANY IDENTIFICATION: **FLEET (LINE MARKERS) LTD.**
Fleet House, Spring Lane,
Spring Lane Industrial Estate,
Malvern, Worcs.
WR14 1AT
TEL: +44(0) 1684 573535
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2. HAZARD 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. Vapours may cause drowsiness and dizziness.

3. COMPOSITION

Name	CAS No.	EINECS No.	Classification	Content (%)
Isodecyloxypropylamine acetate	28701-67-9		R-22, 34, 37, 43 50/53	0 - 1
1-Methoxy-2-propanol	107-98-2	203-539-1	R-10	1 - 5
Aromatic Hydrocarbons 160/180			Xn, R-10, 65	0 - 10
2-Methoxy-1-methylethyl acetate	108-65-6	203-603-9	Xi, R-10, 36	0 - 5
Acetone	67-64-1	200-662-2	Xi, F, R-11, 36, 66, 67	10 - 30
Dimethyl ether	115-10-6	204-065-8	F+, R-12	10 - 30
Isobutane	75-28-5	20-857-2	F+, R-12	1 - 5
Butane	106-97-8	203-448-7	F+, R-12	5 - 10
Propane	74-98-6	200-827-9	F+, R-12	5 - 10
Butyl acetate	123-86-4	204-658-1	R-10, 66, 67	10 - 30

4. FIRST AID MEASURES

INHALATION: Move exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Seek prompt medical advice.

EYE CONTACT: Remove contact lenses before rinsing. Flush eyes with large amounts of water, before marking fluid dries, for at least 15 minutes. Seek medical advice if irritation persists.

SKIN CONTACT: Remove contaminated clothing. Wash with soap and water. Seek medical advice if discomfort continues.

INGESTION: Drink plenty of water. Do not induce vomiting. Rinse mouth thoroughly with water and give large amounts of milk or water if still conscious. Seek medical advice if discomfort persists.



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5. FIRE FIGHTING MEASURES

Aerosol cans may explode in fires.

SPECIAL PROCEDURES: Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours

EXTINGUISHING AGENTS: Water, foam, carbon dioxide or dry powder extinguishers are all suitable.

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Allow volatiles to evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate the area.

7. HANDLING AND STORAGE

HANDLING: Keep away from heat, sparks and open flames. Avoid spilling, skin and eye contact. Ensure sufficient ventilation is available. Avoid breathing vapours. Use a respirator if vapour concentrations are high.

STORAGE: Aerosol cans must not be exposed to direct sunlight or temperatures in excess of 50°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredient	CAS No.	STD	LT EXP 8 h	ST EXP 15 min
Butyl acetate	123-86-4	OES	150 ppm	200 ppm
1-Methoxy-2-propanol	107-98-2	OES	100 ppm (sk)	150 ppm (sk)
2-Methoxy-1-methylethyl acetate	108-65-6		50 ppm	
Acetone	67-64-1	OES	500 ppm	1500 ppm
Butane	106-97-8	OES	600 ppm	750 ppm
Propane	74-98-6		Asphyxiating	Asphyxiating

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit

EXPOSURE CONTROLS: Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried in confined spaces.

PERSONAL PROTECTION:

Respiratory: If sprayed in confined spaces e.g. indoors, masks or respirators may be required.

Hand: Gloves, if risk of skin contact.

Eye: Goggles, if risk of splashing.

Skin: Standard industrial overalls if risk of splashing.

General: Do not smoke whilst using aerosols.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aerosol
Odour:	Characteristic
Colour:	Various
Flammability limit (lower, %):	0.8
Flammability limit (upper, %):	18.6
Water solubility:	Insoluble

10. STABILITY AND REACTIVITY

Aerosols are stable under normal conditions of use - also see Handling and Storage. Fire creates fumes of carbon monoxide (CO) and carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

INHALATION:	May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system.
INGESTION:	May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal, including upset stomach.
SKIN:	Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause skin cracking, and eczema.
EYES:	Irritating to eyes. May cause chemical eye burns.
ROUTE OF ENTRY:	Inhalation, skin or eye contact.

12. ECOLOGICAL INFORMATION

Dangerous to the environment if discharged into watercourses.

13. DISPOSAL INFORMATION

Aerosol containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements. Existing EEC, National and Local Regulations must always be complied with.

14. TRANSPORT INFORMATION

Aerosols are classified as Flammable Gas for transportation.

UN No, Road:	1950	MFAG Table No.:	see guide
Marine pollutant:	No	Marine pollutant:	No
UN No. (Air):	1950	UN No. (Air):	1950
ICAO Class:	2.1	ICAO Class:	2.1
AIR pack GR.:	N/A	UK Road transport class:	2.1
Proper Shipping name:	Aerosols	UK Road pack GR.:	N/A
UK Road transport class:	2.1	ADR Label No.:	2.1
CEFIC TEC (R) No.:	20G53	RID Class No.:	2
RID pack GR.:	N/A	UN No. (Sea):	1950
IMDG Class:	2.1	IMDG pack GR.:	N/A
EmS No.:	2-13	AIR pack GR.:	N/A

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ADR Class No.: 2
ADR Class: Class 2: Gasses; Compressed, liquefied or dissolved under pressure
ADR pack GR.: N/A

15. REGULATORY INFORMATION

Label as Extremely Flammable

RISK PHRASES: R-12 Extremely flammable
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R-66 Repeated exposure may cause skin dryness or cracking
R-67 Vapours may cause drowsiness or dizziness

SAFETY PHRASES: P-14 Contains Isodecylpropylamine acetate. May produce an allergenic reaction.
S-16 Keep away from sources of ignition - No smoking
S-2 Keep out of the reach of children
S-23C Do not breathe vapour/spray
S-37 Wear suitable gloves
S-51 Use only in well ventilated areas
S-60 This material and its container must be disposed of as hazardous waste

UK REGULATORY REFS: The Chemicals (Hazard Information Packaging and Supply) Regulations 2002. The Control of Substances Hazardous to Health Regulations 2002.

STATUTORY INSTRUMENTS: Control of Substances Hazardous to Health. The Chemicals (Hazard Information Packaging and Supply) Regulations

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply

GUIDANCE NOTES: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108)

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be carried out and should not be construed as a guarantee of specific properties.

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