

ENERGY LINE FAST FILLER LIGHT GREY

Version 1

Print Date 14/12/2004

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Product name : ENERGY LINE FAST FILLER LIGHT GREY

Product code : L0EL0070L0.4

Company : Lechler SpA
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In order to get more information and in case of emergencies please address to Lechler Group Security Office. (Tel. +39-031-586.301).

: Tel. +39-031-586301

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2. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature** : Mono compound primer (undercoat)**Hazardous components** :

Components	CAS-No.	EEC-No.	Symbol(s)	R-phrase(s)	Concentration [%]
Xylene	1330-20-7	601-022-00-9	Xn	R20/21, R38, R10	>= 1 - < 3
Butanol	71-36-3	603-004-00-6	Xn	R10, R41, R67, R22, R37/38	>= 1 - < 3
Acetone	67-64-1	606-001-00-8	F, Xi	R11, R36, R66, R67	>= 12,5 - < 20
Ethyl Acetate	141-78-6	607-022-00-5	F, Xi	R11, R67, R36, R66	>= 5 - < 7
N-Butyl Acetate	123-86-4	607-025-00-1		R10, R66, R67	>= 10 - < 12,5
DIMETILETERE	115-10-6	603-019-00-8	F+	R12	>= 30 - < 50
GPL			F+	R12	>= 10 - < 12,5

3. HAZARDS IDENTIFICATION

Irritant



Extremely flammable

R-phrase(s) :

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Vapours may cause drowsiness and dizziness.
 Irritating to eyes.
 Extremely flammable.
 Repeated exposure may cause skin dryness or cracking.

S-phrase(s) :

Keep container in a well-ventilated place.
 Do not breathe spray.
 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 Use only in well-ventilated areas.

Exceptional labelling of special preparations :

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.
 Also after use, do not open with force or burn.
 Do not spray on a naked flame or any other incandescent material.
 Keep away from sources of ignition - No smoking.
 Keep away from children.

4. FIRST AID MEASURES**5. FIRE-FIGHTING MEASURES****6. ACCIDENTAL RELEASE MEASURES****7. HANDLING AND STORAGE****8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Components with workplace control parameters**

Components	CAS-No.	Value [mg/m ³]	Value [ppm]	Basis
Xylene	1330-20-7	221,00	50,00	
Butanol	71-36-3	152,00	50,00	
Acetone	67-64-1	1.210,00	500,00	
Ethyl Acetate	141-78-6	1.400,00	400,00	
N-Butyl Acetate	123-86-4	713,00	150,00	
DIMETILETERE	115-10-6	1.920,00	1.000,00	

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol
Flash point : < -1 °C
Density : 0,78 g/cm³
Solids by weight : 20 %

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL INFORMATION

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Butanol	OBSERVATIONS ON HUMAN SUBJECTS: Exposure through inhalation causes coughing, irritation to the mucous membranes, dermatitis, headache, dizziness and drowsiness, irritation to the nose, throat and eyes, and the formation of translucent vacuoles on the surface layer of the cornea.
Acetone	OBSERVATIONS ON HUMAN SUBJECTS: Acetone's routes of entry to the body are skin absorption, swallowing and, especially, inhalation. It is eliminated through the lungs (40- 70%), in urine (15-30%), and through the skin (10%). Tests carried out with C14 have demonstrated that acetone takes part as an intermediary in the metabolism of lipids and indirectly in the glycidolcycle. Trials on human subjects have demonstrated that it is impossible to inhale concentrations of 22 mg/l (9300 ppm) for more than 5 minutes owing to throat irritation. Subjects exposed to 500 ppm of acetone have displayed irritation to the eyes, throat, and nose. Concentrations > 300 ppm cause: slight irritation to the mucous membranes. Concentrations = 800 ppm (30') cause: malaise. DL (oral, estimated) = 50 ml
Ethyl Acetate	OBSERVATIONS ON HUMAN SUBJECTS: 400 ppm: eye irritant. Serious toxic effects at 2,000 ppm/60 mins, symptoms of malaise at 800 ppm. Inhalatory toxicity: TCLo 400 ppm, irritation to nose, eyes, and respiratory system.
N-Butyl Acetate	OBSERVATIONS ON HUMAN SUBJECTS: Inhalation: 3300 ppm (16 mg/l), for short periods, cause serious irritation to the eyes and to the nose. Inhalation: 200-300 ppm (1-1.4 mg/l), for short periods, cause moderate irritation to the eyes and to the nose. Inhaling the vapours can irritate the respiratory system. The vapours can cause headache and nausea. As a liquid it can irritate the eyes and cause conjunctivitis, it can irritate the skin and cause dermatitis and, if swallowed, causes inebriation, hallucinations and sedation. Symptoms of illness at 500 ppm. Serious toxic effects at 2,000 ppm for 60 min. TCLo: 200 ppm

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS****14. TRANSPORT INFORMATION**

ADR	: UN-No	1950
	Class	2
	Code	F
	Packaging group	
	Description of the goods	AEROSOL
IMDG	: UN-No	1950
	Class	2.1
	EmS	F-D, S-U
	Packaging group	
	Marine pollutant	
	Description of the goods	AEROSOLS

15. REGULATORY INFORMATION

Hazardous components which must be listed on the label:

Symbol(s)	: Xi F+	Irritant Extremely flammable
R-phrases(s)	: R67 R36 R12 R66	Vapours may cause drowsiness and dizziness. Irritating to eyes. Extremely flammable. Repeated exposure may cause skin dryness or cracking.
S-phrases(s)	: S 9 S23 S26 S51	Keep container in a well-ventilated place. Do not breathe spray. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use only in well-ventilated areas.
Exceptional labelling of special preparations	: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C., Also after use, do not open with force or burn., Do not spray on a naked flame or any other incandescent material., Keep away from sources of ignition - No smoking., Keep away from children.	

National legislationGermany

Risk classification according to BetrSichV (Germany)	: AI
Water contaminating class (Germany)	: highly water endangering

16. OTHER INFORMATION**Further information**

Xylene	R20/21 R38 R10	Harmful by inhalation and in contact with skin. Irritating to skin. Flammable.
Butanol	R10 R41 R67 R22 R37/38	Flammable. Risk of serious damage to eyes. Vapours may cause drowsiness and dizziness. Harmful if swallowed. Irritating to respiratory system and skin.
Acetone	R11 R36 R66 R67	Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

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Ethyl Acetate	R11 R67 R36 R66	Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.
N-Butyl Acetate	R10 R66 R67	Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
DIMETILETERE	R12	Extremely flammable.
GPL	R12	Extremely flammable.

Version: 1.4

Revision date 24.11.2004

SDS updated to the last adjustment of EEC directive 67/548/CE, 1999/45/CE.