

MATERIALS SAFETY DATA SHEET INFORMATION

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME; **TRAFFIC FILM REMOVER CONCENTRATE**

SYNONYMS, TRADE NAMES; **2090 / 182181121 TFR 350**

CAS Number N/A Mixture

Product use Vehicle Cleaner

COMPANY IDENTIFICATION:

**Lea Services (West Midlands) Limited
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Brettell Lane
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2. HAZARD IDENTIFICATION

SYMBOL



WARNING

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HAZARD STATEMENT	PRECAUTIONARY STATEMENT
CAUSES SKIN IRRITATION CAUSES EYE IRRITATION MAY BE HARMFULL IF SWALLOWED	KEEP PUT OF REACH OF CHILDREN WEAR PROTECTIVE GLOVES /PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION IF IN EYES RINSE WITH CLEAN WATER FOR SEVERAL MINUTES REMOVE CONTACTS IF PRESENT AND EASY TO DO CONTINUE RINSING IF ON SKIN WASH WITH SOAPY WATER IF SWALLOWED RINSE MOUTH AND DO NOT INDUCE VOMITING

3. COMPOSITION INFORMATION ON INGREDIENTS

	CONTENTS	CAS No	HEALTH RISK	
			Class	Risk No
Water	<40%		none	
N T A	<4%	5064-31-3	Xi	R36/38
Fatty Acid Ethoxylate	<5%	68439-45-2	Xn	R22/41
Alkyl Dimethlyamine Betain	<10%	61789-40-2	Xn	R22/41
Sodium Hydroxide	<2%	1310-73-2	C	R36/38
Potassium Hydroxide	<2%	1310-58-3	C	R36/38
Dye	<.05%	n/a	none	

4. FIRST AID MEASURES:

- EYES:** Promptly wash eyes with lots of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.
- SKIN:** Promptly wash contaminated skin with soap or mild detergent and water. Get medical attention if irritation persists after washing.
- INHALATION:** No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt: **GET MEDICAL ATTENTION PROMPTLY!**
- INGESTION:** **DO NOT** induce vomiting. Get medical attention immediately. Promptly let affected drink lots of water to dilute the swallowed chemical. Give milk instead of water if readily available.
NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

5. FIRE FIGHTING MEASURES:

Non-flammable, although fire creates carbon dioxide (CO₂) and carbon monoxide (CO)

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Collect with absorbent, non-combustible material into suitable containers. Containers to be collected by waste disposal contractors. Wear suitable protective clothing. Care must be taken as there is a slip hazard.
Prevent entry of product into drains and waterways. Contact local authorities if product enters waterways.

7. HANDLING & STORAGE:

USAGE PRECAUTIONS:

Read and follow manufacturers recommendations. As with all chemical materials care should be taken to avoid splashing or other direct contact with the product when handling. Appropriate impervious clothing should be worn as well as eye protection. Skin contact will cause reddening and soreness may result, if not removed quickly. Contact with eyes will cause immediate severe irritation. Dilute solutions will be less aggressive, however direct contact with skin or eyes should be avoided. Ingestion of the product will cause severe internal upset.

STORAGE PRECAUTIONS:

Keep in cool, dry ventilated storage and closed containers. Store isolated from oxidizing materials.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	STD	
Potassium Hydroxide	WEL	1 mgm-3
Sodium Hydroxide	WEL	1 mgm -3
Fatty Acid Ethoxylate	No standard	
Personal protection:- Wear P.V.C or rubber gloves, goggles & facemask..		

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Red Liquid
Odour/Taste	Slight Fatty Amine
Solubility	Water soluble
Solubility Value	N/A
Specific Gravity	1.04 g/ml
Evaporation Rate (BuAc=1)	N/A
Vapour Pressure (mmHg)	
Vapour Density (air=1)	
Melting Point (C)	
Boiling Point (C)	
Viscosity	
pH-Value	13.0
Flash Point Method P/M Pensky-Martins	N/A
Auto Ignition Temperature (C)	N/A
Flammability Limit: - lower %:	N/A
Flammability Limit: - upper %:	N/A

10. STABILITY AND REACTIVITY:

MATERIALS TO AVOID: Strong oxidizing agents
No hazardous reactions or polymerisations known.

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE (LD50) N/A
TOXIC CONS (LC50) N/A

12. ECOLOGICAL INFORMATION:

All detergent in this formulation are thought to be biodegradable.
Inorganic substances are not biodegradable.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:
Contact local waste companies.

14. TRANSPORT INFORMATION:

UN No:
ADR CLASS No:
AIR TRANSPORT CLASS No:
AIR SUB CLASS:
AIR PACK GR.:
HASCHEM CODE:
SEA TRANSPORT CLASS No:
SEA PACK GR.:
RAIL TRANSPORT CLASS No:
CEFIC TEC (R) No:
UK LABEL FOR CONVEYANCE: Xi (Contains Sodium Hydroxide)

15. REGULATORY INFORMATION:

Health Hazards;

H315 /H320 Irritating to eyes, and skin

Precautionary statements

P262 Do not get on eyes or skin
P102 Keep out of reach of children
P301+303+331 If swallowed: Rinse mouth. Do not induce vomiting

16. OTHER INFORMATION:

USER NOTES:
Product Designation: TRAFFIC FILM REMOVER CONCENTRATE 350
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