MATERIAL SAFETY DATA SHEET INFORMATION

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: **GRAFFITI REMOVER LIQUID SPRAY**

SYNONYMS,TRADE NAMES: **0516** / **182181441 REMSOL GRAFFITI REMOVER**

COMPANY IDENTIFICATION

Lea Services (West Midlands) Limited
Canalside Works
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Quantity %	Cas no	Enicecs No	Class sk Phrases
Di basic ester	20%	MIXTURE	N/a	Non hazardous
Light ptrolium distillate	20%	265-149-8	649-422	Xn 65
Orange turpine	20%	68847-72-3	8028-48-6	Xn 10/65
Dodecylbenzenesulphonic Acid compound	5%	26264-05-1	247-556-2	Xn 22/38/41
Butyl glycol	1%	111-76-2	203-905-0	Xn 20/21/22

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3. HAZARDS INDENTIFICATION:

Xn (harmfull) Irritant

4. FIRST AID MEASURES:

EYES: Liquid mist or vapour may cause slight transient irritation.

SKIN: Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Unlikely to be absorbed in harmful amounts

INGESTION: Swallowing may have the following effects:- Gastrointestinal irritation, Central nervous system, Depression nausea, Diarrhoea, Drowsiness, Loss of consciousness. Aspiration during swallowing or vomiting may severely damage the lungs.

INHALATION: Exposure to vapour at high concentrations may have the following effects: Irritation of the nose, Throat and respiratory tract, Eye irritation

5. FIRE FIGHTING MEASURES:

Extinguishing Media: Use water spray, foam, dry chemical or Carbon Dioxide, Keep containers and surroundings cool with water spray.
Unsuitable Extinguishing Media: Do not use water jet
Special hazards of data: No data
Protective Equipment for fire fighting: Wear self contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Wear appropriate protective clothing. Wear respiratory protection, consider need for evacuation, eliminate all sources of ignition, beware of gas accumulating to form explosive concentrations. Gas is heavier than air and will collect in basements, depressions etc. Leaks inside confined spaces may cause suffocation.

Environmental Precautions: Try to prevent the material from entering drains and water courses
Advise authorities if spillage has entered water courses or sewer or has contaminated soil or vegitation.

Spillages: Contain and absorb using earth, sand or other inert material, transfer into suitable containers for recovery or disposal, large spillages should be collected for disposal.

7. HANDLING & STORAGE:

Handling: Use in well ventilated area, avoid inhaling vapour, avoid contact with eyes, skin, clothing. Keep container tightly closed when not in use.
Storage: Storage area should be well ventilated, store away from heat or ignition
Storage and Transfer Equipment: Should be adequately earthed and bonded to prevent the accumulation of static charges.
Suitable Storage Materials are: Mild Steel
Do not store in: Certain plastics or rubbers, for gaskets and seals ues compressed asbestos PTFE

8.CONTROLS AND PERSONAL PROTECTION:

U.K. Workingl Exposure limits: Short term value 50ppm long term value 25 ppm
Engineering Control Measures:
Exposure to this material may be controlled in number of ways: The measures appropriate for the particular worksite depend on how the material is used and on the potential of exposure. Engineering methods to prevent or control exposure are preferred methods, include process or personnel exposure, mechanical ventilation (dilution and local exhaust) and control of process conditions. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used.

Respiratory Protection: Respiratory Protection if there is a risk of exposure to high vapour concentrations.
Hand Protection: Pvc or Rubber gloves
Eye Protection: Chemical goggles or face sheilds.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Clear Liquid
Colour	N/A
Odour	Citrus
Boiling range/point	197 to 263
Flash Point	(pmcc) deg C: 74
Explosion limits:	1 to 6 %
Solubility in Water:	(kg/m3) miscable
Partition Coefficient:	(low pow) 5.4 at 22 deg C
Vapour Pressure	(kpa) 0.35 at 20 deg C
Density	790 at 20C
Auto-Flammability	(deg) 225
Relative Vapour Density	(air = 1) 5
Evapouration Rate	Referenced as N-Butyl Acetate =1

10. STABILITY AND REACTIVITY:

Stability: Stable under normal conditions
Conditions to Avoid: High temperatures
Materials to Avoid: Oxidising agents
Hazardous Decomposition Products: Combustion will generate oxides of Carbon, acrid smoke and irritating fumes.

11. TOXICOLOGICAL INFORMATION:

Acute Toxicity: Low order of acute toxicity

Irritancy - Eyes: The eye irritancy has been investigated by OECD test method 405 single application to the rabbits eye produced minimal conjunctival irritation
Irritancy - Skin: The skin irritancy has been investigated by th OECD test method 404, a single semi-occlusive application to intact rabbit skin produced minimal signs of irritation.
Skin Sensitisation: Substance has been reported to have shown no evidence of skin sensitisation potential when tested
Sub-Acute/ Subchronic Toxicity: Treat ment related changes have been observed in the laboratory animals after repeated oral administration. The following tissues were effected, kidney blood, this finding is not relevent to man.

12. ECOLOGICAL INFORMATION:

Mobility: The product is involatile and insoluable and will accumulate in the ground, If released to water the product will float.
Persistence/Degradability: The product is readily biodegradable.
Bio-Accumulation: Limited information indicates a potential to bioaccumulate.
Ecotoxicity: The product is rated as non-hazardous to aquatic species.

13. DISPOSAL CONSIDERATIONS:

Product Disposal: Incineration, dispose of in accordance with the applicable and national regulations.

Container Disposal: Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near container. Containers should be cleaned by appopriate methods and then re-used or disposal by landfill or incineration as apprpriate.

14. TRANSPORT INFORMATION:

U.K. Transport Information: Not classified

ADR/RID Substance Identification:	1202	
ADR/RID Class:	3	
ADR/RID Hazard Identification:	30	
IMDG - Class	3-07	MARINE POLLUTANT GROUP 111
IATA Class:	3	
Tremcard No TEC (R)	752	

15. REGULATORY INFORMATION:

EINECS Number: 265004
EC Annex 1 Classification: Not classified

16. OTHER INFORMATION:

Graffiti Remover Liquid
LAST UPDATED : OCTOBER 2012

The information given is on our present knowledge and experience. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.