

MATERIAL SAFETY DATA SHEET

Graffiti Wipes

1. IDENTIFICATION OF THE SUBSTANCE:

PRODUCT NAME APPLICATION SUPPLIER	Graffiti Wipes Graffiti Remover The Natural Solution Cleaning Co Ltd Foxes Farm, Strap Lane, North Brewham Bruton, Somerset, BA10 0JW Tel: 01749 850489 e: natsol@fsmail.net
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

Name	EC No.	CAS No.	Content	Classification
Aliphatic Hydrocarbon	265-149-8	64742-47-8	10-30%	Xn; R65. R66.
Fatty Alcohol Ethoxylate			1-5%	Xn; R22. Xi; R36.
Gamma Butyrolactone	202-509-5	96-48-0	10-30%	Xn; R22. Xi; R36.
Glycol Ether	225-878-4	005131-66-8	30-60%	Xi; R36/R38.

The full text for all R-phrases are displayed in Section 16

COMPOSITION COMMENTS: A proprietary blend of citrus oils and hydrocarbons (Benzene<0.1%)

3. HAZARDS IDENTIFICATION:

Irritating to eyes and skin.

CLASSIFICATION Xi; R36/R38.

HUMAN HEALTH The hazardous properties of the product are considered limited. May cause minor irritation on skin contact. May cause redness and irritation to eyes.

4. FIRST AID MEASURES:

INHALATION INGESTION SKIN CONTACT EYE CONTACT	Move injured person to fresh air and keep person calm under observation. If necessary, seek hospital and take along these instructions. Rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions. Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Make sure to remove any contact lenses from eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least fifteen minutes. Get medical attention if irritation persists.
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5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA	Fire can be extinguished using: Carbon dioxide (CO ₂). Foam. Dry Powder. Do not use water jet as an extinguisher, as this will spread the fire.
SPECIAL FIRE FIGHTING PROCEDURES	Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Vapours are heavier than air and may spread near ground and sources of ignition.
SPECIFIC HAZARDS	Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.
PROTECTIVE MEASURES IN FIRE	Use protective equipment appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS:	Use protective gloves and suitable clothing. Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eyes.
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7. HANDLING AND STORAGE:

USAGE PRECAUTIONS	Maintain good standards of hygiene and work practices. Avoid skin and eye contact. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented.
STORAGE PRECAUTIONS	Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Keep away from heat, sparks and open flame.
STORAGE CLASS	Chemical storage

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Aliphatic Hydrocarbon 1000 mg/m³ (LT-3g/m³)

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS	Provide eye wash facilities
ENGINEERING MEASURES	Provide adequate general and local exhaust ventilation.
HAND PROTECTION	For prolonged or repeated skin contact use suitable protective gloves.
EYE PROTECTION	Not relevant
OTHER PROTECTION	Wear appropriate clothing to prevent any possibility of skin contact.
HYGIENE MEASURES	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE	White impregnated wipe	BOILING POINT (°C)	200-300 760 mm Hg
COLOUR	White	VAPOUR DENSITY	4.0@80C
ODOUR:	Hydrocarbon	RELATIVE DENSITY	0.95g/ml @ 20DegC
SOLUBILITY	Miscible with water	FLASH POINT (°C)	63 P/M Pensky-Martens
		AUTO IGNITION TEMP	360C

10. STABILITY AND REACTIVITY:

STABILITY	Avoid: Heat, sparks, flames. Contact with peroxides
CONDITIONS TO AVOID	Avoid contact with acids. Avoid exposing to heat and contact with strong oxidising substances.
MATERIALS TO AVOID	Strong acids. Strong oxidising substances
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11. TOXOLOGICAL INFORMATION:

SKIN CONTACT	Acts as a defatting agent on skin. May cause cracking and eczema.
EYE CONTACT	Irritating to eyes
INHALATION	Not relevant at normal room temperatures.
INGESTION	Pneumonia may be the result if vomited material containing solvents reaches the lungs.
HEALTH WARNINGS	This product has low toxicity. Only large volumes may have adverse effect on human health. This substance has no evidence of carcinogenic properties.

12. ECOLOGICAL INFORMATION:

ECOTOXICITY	Not regarded as hazardous to the environment.
MOBILITY	This product contains Volatile Organic Compounds which will evaporate easily from all surfaces.
BIOACCUMULATION	Does not accumulate in soil and water systems
DEGRADABILITY	This product is degradable. The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS	Dispose of waste and residues in accordance with local authority requirements.
WASTE CLASS	Regulation 2000/532/EC – Chapter Heading: Waste from MFSU of fine chemicals and chemical products not otherwise specified – 70704. Description: Other organic solvents, washing liquids and other liquors.

14. TRANSPORT INFORMATION:

GENERAL This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). Tariff code 2901 1000

ADR CLASS N/A

15. REGULATORY INFORMATION:

LABELLING



Irritant

RISK PHRASES R36/38 – Irritating to eyes and skin

SAFETY PHRASES: S24/25 – Avoid contact with skin and eyes
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37 – Wear suitable gloves

EU DIRECTIVES: Dangerous Substances Directive (67/548/EEC). Dangerous Preparations Directive (1999/45/EC). Safety Data Sheets Directive (91/155/EEC) (As amended).

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.

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

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

16. OTHER INFORMATION:

REVISION DATE: 15/03/12

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RISK PHRASES IN FULL R22 - Harmful if swallowed
R36 - Irritating to eyes
R36/38 – Irritating to eyes and skin
R41 – Risk of serious damage to eyes
R65 – Harmful: may cause lung damage if swallowed
R66 – Repeated exposure may cause skin dryness or cracking

DISCLAIMER

The information in this material Safety Data Sheet is based on the present state of our knowledge and on the current EC and National Regulations. The information relates to the specific product designated and may not be valid if it is used in combination with other materials or process. Nothing herein is to be construed as warranty, expressed or implied. It is always the responsibility of the user to take the necessary steps in order to fulfil the demands laid down in the rules and legislation.