

PRODUCT SAFETY DATA SHEET Date of Issue: 10.04.05**1. IDENTIFICATION OF PRODUCT & COMPANY****PRODUCT NAME:** Malcleanse - Graffiti Shadow Remover**INTENDED USE:** To remove graffiti shadows from brickwork and concrete.**SUPPLIER:** Malcolm Smith – Power Cleaning, 45 Roundponds, Melksham, Wiltshire. SN12 8DW
Tel: 01225-707200 Mobile: 07850-119990**2. COMPOSITION/INFORMATION OF INGREDIENTS**

	Cas No.	Weight %	Hazard	Supply Class
Potassium Hydroxide	1310-58-3	≤ 20	R22, R35	Xn, C
Diethylene glycol monoethyl ether	111-90-0	≤ 60	R36	Xi
2-Butyexethanol	111-76-2	≤ 20	R20/21/22 R36/38	Xn, Xi
Monoethanolamine	141-43-5	≤ 5	R20/36/37/38	Xn, Xi

3. HAZARDS IDENTIFICATION

Causes severe burns

Harmful by inhalation, in contact with skin and if swallowed

4. FIRST AID MEASURES**Inhalation:** Remove to fresh air, keep the patient warm and at rest. Seek medical attention.**Eye Contact:** Irrigate copiously with clean, fresh water for at least 15 minutes, seek medical advice.**Skin Contact:** Remove contaminated clothing. Immediately irrigate skin thoroughly with plenty of cold water. Urgently seek medical attention.**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest Give water to drink. Do Not induce vomiting.**5. FIRE FIGHTING MEASURES****Extinguishing media:** Water spray, fog or mist or all-purpose foam. Carbon dioxide or dry powder on small fires.**Not be used:** Water jets**Fire Hazards:** May explode in a fire. May develop toxic and corrosive fumes.**6. ACCIDENTAL RELEASE MEASURES**

Clean up personnel should wear respiratory and/or liquid contact protection. Extinguish all ignition sources. Avoid sparks flames. Prevent from entering drains and local water courses. Spillages, collect with absorbent non-combustible materials into suitable containers. Cover with foam DO NOT wash spillage down drain. If it has entered drains inform authorities (Fire Service)

7. HANDLING AND STORAGE

Store away from acids, combustible substances, and readily oxidisable. Always keep in container made of the same material as the supply container. Avoid skin & eye contact. For personal protection see section 8. Good housekeeping and regular removal of waste materials will minimise risks.

Observe the label precautions. Store between 5 & 25°C in a dry well ventilated place. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strong

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	LTEL	STEL(15mins)	TYPE
Potassium Hydroxide	no data	2mg/m ³	OES
Diethylene glycol Monoethyl ether	no data	no data	
2-Butyethanol	25ppm	50ppm	OES
Monoethanolamine	3ppm	6ppm	OES

Respiratory Protection: Use respirator suitable for organic vapours when in confined spaces.**Hand Protection:** Chemical resistant gloves should be worn.**Skin Protection:** A P.V.C. wet suit is strongly advised whilst handling this product. Also foot protection**Eye Protection:** Chemical goggles should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH VALUE(100%):	N/A	VISCOSITY @20 °C:	100 cps
APPEARANCE/COLOUR:	Clear Brown Liquid	BOILING POINT:	>100° C.
FLASH POINT:	N/A	SPECIFIC GRAVITY:	1.06 to 1.09
AUTO FLAMMABILITY:	N/A	MOBILITY:	Soluble in water

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Avoid direct sunlight, heat, flames, sources of ignition, moisture
Materials to Avoid: Strong oxidising agents.
Hazardous Decomposition Products: Smoke and oxides of carbon

11. TOXICOLOGICAL INFORMATION

Eye Contact: Causes severe corrosion to eyes.
Skin Contact: Causes very serious burns when in contact with skin. Do not usually cause pain until several hours after contact.
Inhalation: Corrosive vapour. Absorption ingestion and inhalation can cause respiratory, skin, liver, kidney and/or blood system problems.
Ingestion: Corrosive to gastrointestinal tract. **Do not induce vomiting:** Immediately wash out mouth with water. Give water or milk to drink.
 Seek medical advice immediately.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: The product is soluble in water.
Bio-Accumulation: Bio-degradable in water
Persistence & Degradability: May cause long term adverse effects for the aquatic environment.
Aquatic Toxicity: May have some adverse effects on the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Dispose of through an Authorised Contractor to Licensed Site. Control of Pollution Regulations 1980 apply.

14. TRANSPORT INFORMATION

Identification: Corrosive Liquid NOS – contains Potassium Hydroxide
U.N. Number: 1760
Class: 8 Packing Group 2
Transport Symbol: Corrosive Diamond

15. REGULATORY INFORMATION

Classification :	Corrosive Hazard symbol C	Risk Phrases:	R20/21/22 Harmful by inhalation, In contact with skin and
Safety Phrases:	S24/25 Avoid contact with skin and eyes.		

S62 If swallowed DO NOT induce vomiting seek medical advice	if swallowed
S16: Keep away from sources of ignition – No Smoking	R35 Causes severe burns
S23 Do not breathe in vapour	R36/37/38 Irritating to eyes, respiratory system and skin.

16. OTHER INFORMATION

The information contained on this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

This data was produced in accordance with the Approved Code of Practice for the Compilation of Safety Data Sheets (CHIP 3) & EC Directive 201/58/EC Second amendment to 91/155/EEC Safety Data Sheets Directive.