

PRODUCT SAFETY DATA SHEET

(1) IDENTIFICATION

POWER CLEAN

Product Code: WOPC

Supplier: Starbrite Chemicals Ltd

X L House, Rutherford Way

Crawley, West Sussex

RH10 2PB

Tele: 01293 434250

Fax: 01293 434252

(2) COMPOSITION/INFORMATION ON INGREDIENTS

CONTENTS		CAS NO.	HEALTH RISK
No)	%		(class) (R)
Potassium Hydroxide	2.5-5	1310-58-3	C 35
Potassium Silicate	None	1312-76-1	None
Surfactants	5-10		
Colourant/dye	<1		
De-Ionised Water	<50		
Perfume/Re-Odourant	<1		

(3) HAZARDS IDENTIFICATION

EYE CONTACT: Can cause severe damage with possible formation of corneal ulcers and impaired vision.

SKIN CONTACT: Contact may cause burns.

INHALATION: High concentrations of vapour do not arise in normal use. Spray mists may be irritating.

INGESTION: Can cause severe damage to mucous membranes, throat and stomach.

(4) FIRST AID MEASURES

EYE CONTACT: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

SKIN CONTACT: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners. If in doubt, seek medical advice.

INHALATION: Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

INGESTION: If accidentally swallowed, obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

(5) FIRE FIGHTING MEASURES

Extinguishing media: Not applicable.

Do not use: Not applicable.

Special fire fighting procedures: Not applicable.

Unusual fire and explosion hazards: Fire will produce dense black smoke containing combustion products which may be a health hazard. Appropriate self-contained breathing apparatus may be required. Run off from fire must not enter drains.

(6) ACCIDENTAL RELEASE MEASURES

Procedures for leaks or spillages: Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth, and place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Do not allow to enter drains or water courses.

Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

(7) HANDLING AND STORAGE

Handling: Avoid inhalation of vapour and spray mist.

Avoid skin and eye contact.

Smoking, eating and drinking should be prohibited in areas of use and storage.

Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards.

Storage: Store separately from strong oxidising agents and strongly alkaline and strongly acidic materials. Containers which are opened should be properly resealed and kept upright to prevent leakage.

(8) EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT NAME	OES/MEL	8hr TWA
-----------------	---------	---------

Potassium Hydroxide	OES	
---------------------	-----	--

Potassium Silicate	OES	5Mg/M3 (Sup)
--------------------	-----	--------------

Engineering measures: Provide adequate ventilation to ensure the airborne concentration of substances to which an OES/MEL has been assigned is below that OES/MEL (Occupational Exposure Standard/Maximum Exposure Limit)

Respiratory protection: Air-fed respiratory equipment should be worn when this product is sprayed if the exposure limit and engineering controls and measures cannot reasonably be improved

Hand protection: When skin exposure may occur, advice may be sought from the glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye protection: Eye protection designed to protect against liquid splashes should be worn.

Skin protection: Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

(9) PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Red

Odour: Negligible

pH 12.5

Boiling Point: 100 deg C

Melting Point: 0 deg C

Flash Point: None.

Flammability: LEL N/A (% vol in air @ 25 Deg C)

UEL N/A

Autoflammability: N/A Deg C

Explosive Properties: Not applicable.

Oxidising Properties: None.

Can pressure: bar

Relative Density Solubility: 1.105

VOC content: Nil

Solubility-Water: Soluble

Solubility-Solvent: Insoluble in organic solvents.

(10) STABILITY & REACTIVITY

Stability: Stable

Conditions to avoid: Avoid naked flames, red hot surfaces, other high temp. sources that may induce thermal decomposition.

Incompatibility (Materials to avoid): Oxidising agents, strong acids, strong alkalis.

Hazardous decomposition products: In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

(11) TOXICOLOGICAL INFORMATION

INGREDIENT

There is no data available on the product itself. Potassium Hydroxide is corrosive to all tissues. Inhalation of concentrated vapour mist may cause damage to nose, throat and respiratory tract. Skin contact by liquid or spray mist causes irritation or chemical burns. Ingestion causes severe irritation of the mouth, throat and digestive tract. Eye contact results in irritation and may cause injury at high concentrations.

(12) ECOLOGICAL INFORMATION

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface water.

(13) DISPOSAL CONSIDERATIONS

Consult national and local regulations. Dilute well with water and dispose of in an approved and permitted biological treatment plant.

(14) TRANSPORT INFORMATION

Not classified for transport.

(15) REGULATORY INFORMATION

Occupational exposure limits: None set.

Irritant.

(16) OTHER INFORMATION

It is for users to satisfy themselves of the suitability of this product for their own applications.

This information is believed to be accurate at the time of printing and is given in good faith.

Date of issue: 15 March 1996.

POWER CLEAN

Product Code: WOPC

PRODUCT DESCRIPTION

A superb multi-purpose cleaner and deodoriser developed to clean a multitude of hard surfaces such as walls, floors and worktops. This product rapidly removes oil, grease, nicotine and dirt and can be applied with a sponge, mop or for first class results on worktops, floors through an automated floor scrubbing machine.

DIRECTIONS

For heavy degreasing, cookers, apply neat, leave a few minutes, wipe off with a damp cloth.

For heavy degreasing, machinery, concrete, polish stripping, use 1 part to 10 part water. Rinse well with clean water.

For steam cleaning, paintwork, floors, plastics, use 1 part with 50 – 100 parts water.

In most applications rub on and wipe off, rinse well when cleaning metals, glass, paintwork or when a residue could be detrimental.

HEALTH & SAFETY

R35 Causes severe burns

S2 Keep out of reach of children

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

UN 1814 CONTAINS POTASSIUM HYDROXIDE.

