CHEMI-BRUSH CLEANING PRODUCTS

Janitorial Products Division

Material Safety Data Sheet

Date: 25th March 2014

439 Solkleen ALL PURPOSE CLEANER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Solkleen
Other Names: N/A
Manufacturers Product Code: 439
Product Use: General Purpose Degreaser for cleaning most hard surfaces

COMPANY DETAILS:

Company: C.W.B. Investments Pty Ltd. **ABN 82 034 025 965**
Address: Head Office - 67 Southern Road, Mentone, Vic. 3194
Telephone: 03 9583 4611 Facsimilie: 03 9583 0154
Albury – Pakstat Pty Ltd - Cnr Hume & Kiewa Streets, Albury. NSW 2641
Telephone: 02 6041 2700 Facsimilie: 02 6041 2702

Emergency Telephone No. Poisons Information Centre: **13 1126**
(24 hours a day)

2. HAZARDS IDENTIFICATION

Non-Hazardous according to criteria of Worksafe Australia.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS No.	PROPORTION
Ethylene glycol monobutyl ether	111-76-2	< 10%
Nonyl phenol ethoxylate	9016-45-9	<10%
Sodium phosphate	7601-54-9	< 10%
Sodium silicate	6834-92-0	< 10%
Technical Red dye	3567-69-9	Trace
Water	7732-18-5	Balance

4. FIRST AID MEASURES

Swallowed: If swallowed DO NOT INDUCE VOMITING. Seek medical advice if effects persist.
Eyes: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhaled: For all but the most minor symptoms arrange for patient to be seen be a doctor as soon as possible - either on site or at the nearest hospital. Not considered a feature of normal use.
Advice to Doctor: Treat symptomatically
Poisons Information Centre: Contact a Poisons Information Centre Phone: AUSTRALIA 13 1126 ; NEW ZEALAND 0800 764 766 or a Doctor at once.

5. FIRE FIGHTING MEASURES

Nil hazard. Non combustible.
In case of fire in the surroundings, use the appropriate extinguishing method for the area.
Risk Phrases: R 36 Irritating to eyes. R 38 Irritating to skin.
Safety Phrases: S 2 Keep out of reach of children. S 24 Avoid contact with skin. S 25 Avoid contact with eyes. S 28 After contact with skin, wash immediately with plenty of soap suds.

6. ACCIDENTAL RELEASE MEASURES

Spills and Leaks:
Isolate leaking containers and stop leak if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Use Absorbent (Soil or sand, sawdust, inert material, vermiculite) Sweep up. Collect and seal in properly labelled drums for disposal Wash away residuals with water.

7. HANDLING AND STORAGE

Ensure containers are clearly labelled. Keep containers securely sealed and protected against physical damage. This product is not hazardous and is not considered as a dangerous goods in the Australian Code for the Goods by Road & Rail.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Acute Effects:
Swallowed: May cause irritation to mouth, throat and stomach. May be harmful if swallowed. May cause severe burns to the mouth, throat and stomach. Ingestion can cause nausea and vomiting.
Eyes: Irritant. May cause watering of the eyes and conjunctivitis. Liquid will cause burns.
Skin Irritant. Repeated or prolonged skin contact may lead to irritation. Will have de-fatting effect on the skin.
Inhaled: Inhalation of mists or aerosols can produce respiratory irritation. Not considered a feature of normal use.
Exposure Limits: Ethylene glycol monobutyl ether : TWA 25ppm Skin TWA is the time weighed average concentration of the work atmosphere over a normal 8 hour work day and a 40 hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effects. These TWA's are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as is practically possible. These TWA's should not be used as fine lines between safe and dangerous concentrations. A "Skin" notation indicates that this substance will also be readily absorbed through the skin, which may be airborne material or direct contact. The TWA is obviously invalidated if such contact should occur
Engineering Controls:
No special ventilation required. Avoid generation and inhalation of mists or aerosols
Personal Protection:
Avoid skin and eye contact. Always wear : PVC or rubber gloves, goggles or face shield as appropriate when handling the concentrate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A clear red mobile liquid with a sweet etherial odour.
Boiling Range: Approximately 100°C
Melting Range: < 0° C
Vapour Pressure: 18mm/Hg @20°C
Specific Gravity: 1.062 ± 0.005 @20°C
Flash Point: Non Flammable
pH: as received 11.7 ± 0.2
N/A: - Not applicable.

10. STABILITY AND REACTIVITY

Flammability:
Non combustible. No particular hazard to the environment.

11. TOXICOLOGICAL INFORMATION

Oral LD50 (Rat) 3000mg/kg(Sodium Metasilicate)
IRRITATION DATA:
Skin : Human : 2.5 grams/24 hours : Severe
Skin : Rabbit : 2.5 grams/24 hours : Severe

12. ECOLOGICAL INFORMATION

This substance may be hazardous to the environment..
special attention should be given to containing spills.

13. DISPOSAL CONSIDERATIONS

No special procedures usually required. Isolate leaking containers and stop leak if safe to do so. Flush to sewer as a greatly diluted solution.

14. TRANSPORT INFORMATION

Ensure containers are clearly labelled. Keep containers securely sealed and protected against physical damage.
Store away from sources of heat or ignition. This product is non hazardous and is not considered as a Dangerous Good in the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

UN No:	Non-Hazardous	D.G.Class:	N/A
UN No:	Not required	Spec. E.P.G:	N/A
HAZCHEM:	Not required	Packaging Group:	N/A
Harmoniz:	3402.11	D.G. Class:	Non hazardous
Sub risk:	N/A	CAS No.:	N/A
Poison:	5	G.T. EPG:	N/A

PROPER SHIPPING NAME: Alkaline Salts N.O.S. (Blended Alkaline Liquid Solution)

16. OTHER INFORMATION

AICS Listing: All ingredients in this product ar5e listed on the Australian Inventory of Chemical Substances (AICS)

The information contained herein is to the best of our knowledge correct and complete. It is meant to describe safety requirements of this product and no warranty, express or implied is made as to its fitness for a particular purpose or any other nature as to the product to which it refers.