



SAFETY DATA SHEET



1. PRODUCT AND COMPANY INFORMATION

Identification of the substance or preparation: L.O.C.™ Plus Metal Cleaner

Product code: E0094

Use of the substance/preparation: Paste cleaner for metals
Statements of hazard nature: Not classified as hazardous according to criteria of NOHSC.
Not classified as a dangerous goods according to the ADG Code.

Company:

Amway of Australia	Amway of New Zealand
46 Carrington Road	15 Lady Ruby Drive
P.O. Box 202	East Tamaki, Auckland, New Zealand
Castle Hill NSW 1765	Tel: (612) 9843 2000
Tel: (02) 9843 2000	Emergency Contact Number: 0800 POISON or 0800 764 764
Australian Business Number: 49004-807-756	

Responsible person(s): Technical Office, Amway of Australia (02) 9843 2000

Emergency telephone number: (02) 9843 2000 (Ask for the Technical Dept.) This is not a 24-hour number.

For Transportation Emergencies: ChemTrec @ 1-703-527-3887 CCN 182

2. HAZARDS IDENTIFICATION

Most important hazards: This product is not classified as hazardous according to the latest edition of the NOHSC Approved Criteria for Classifying Hazardous Substances.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Common Name	Weight %	Classification	CAS #
Quartz (crystalline silica)	Crystalline silica	30-40	Xn; R48/20, R68/20	14808-60-7
Kieselguhr	Diatomaceous earth	5-10	--	61790-53-2
Cristobalite (crystalline silica)	Crystalline silica	1-5	Xn; R48/20, R68/20	14464-46-1
Calcium chloride	Calcium chloride	1-5	Xi; R36	10043-52-4
1,2,3-Propanetricarboxylic acid, 2-hydroxy-	Organic acid	1-5	Xi; R36	77-92-9
Sulfuric acid monododecyl ester sodium salt	Sodium lauryl sulfate	1-5	Xn; R22, R36/38	151-21-3

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling an anti-poison center, doctor or hospital emergency room.
Skin contact:	Rinse skin thoroughly with water.
Eye contact:	Remove contact lenses. Rinse with gentle stream of water for 15 minutes, holding eyelids open. Get medical advice by calling an anti-poison center, doctor or hospital emergency room.
Ingestion:	If victim is a child, give 120-240 millilitres of water. For adults, give 240-360 millilitres of water. Do not induce vomiting when this product is swallowed. If vomiting occurs spontaneously, keep victim in an upright position. GET MEDICAL ADVICE by calling an anti-poison centre, doctor or hospital emergency room.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing media suitable for surrounding materials.
Specific hazards:	No special exposure hazards are known.
Special protective equipment for firefighters:	Use standard fire-fighting protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear appropriate personal protection equipment (respirator, gloves, goggles, and/or faceshield, boots, protective clothing).
Environmental precautions:	Prevent further leakage or spillage.
Methods for cleaning up:	No special collection methods required. Dispose of in accordance with all national and local regulations.

7. HANDLING AND STORAGE

Handling:	No special technical protective measures required. Avoid letting the product become dry. While still wet, rinse off with warm water.
Storage:	No special storage conditions required. No special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:	Mechanical ventilation is not normally necessary when this product is used according to label directions.
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Respiratory protection: Follow label directions. Respiratory protective equipment is not normally necessary when this product is used according to label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

Hand protection: Follow label directions. Skin protection is not normally necessary when this product is used according to label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

Eye protection: Follow label directions. Prevent eye contact by using protective eye wear appropriate for conditions of use.

Skin protection: Follow label directions. Skin and body protection is not normally necessary when this product is used according to label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

Chemical Name	Australian Exposure Standards - Time Weighted Average	Australian Exposure Standards - Short Term Exposure Limit	New Zealand Exposure Standards - Time-Weighted Average	New Zealand Exposure Standards - Short Term Exposure Limit
Quartz (crystalline silica)	0.1 mg/m ³		0.2 mg/m ³	
Kieselguhr	10 mg/m ³			
Cristobalite (crystalline silica)	0.1 mg/m ³		0.1 mg/m ³	

General industrial hygiene practice: This product is sold as a consumer product. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: paste
Colour: off-white
Odour: mild
pH: 1.2 - 1.8
Relative density: 1.20 - 1.43
Flash Point (°C): Not determined
Method: Not applicable

10. STABILITY AND REACTIVITY

Conditions to avoid: No conditions are known which would initiate a dangerous reaction.

Materials to avoid: Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

Hazardous decomposition products: not determined

11. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure:	Eye contact, skin contact, inhalation
Aggravated Medical Conditions:	Exposure to this product may aggravate pre-existing skin, eye, and respiratory disorders.
Inhalation:	Inhalation of dust can cause irritation of the upper respiratory tract. See additional information below.
Skin contact:	This product is not classified as a skin irritant. Acid reserve testing concluded that this product is not irritant. Acid reserve value is greater than 1. This product has been tested on humans without causing significant irritation.
Eye contact:	This product is not classified as an eye irritant. Contact with this product can cause mild to moderate eye irritation.
Ingestion:	Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea.
Further information:	Inhalation of crystalline silica dusts can cause lung damage (silicosis). Crystalline silica is an IARC Class 2A carcinogen (probably carcinogenic to humans). Inhalation overexposure to amorphous silica dust may cause changes in the lung (visible only by x-ray) without disability.

12. ECOLOGICAL INFORMATION

Environmental classification: This product is not classified as dangerous for the environment.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of in accordance with local regulations.

Empty containers: Do not re-use empty containers. Only empty packaging can be recycled.

14. TRANSPORT INFORMATION

This product has been tested against the UN protocol used to classify transportation hazards and it does not meet the definition of hazardous.

DOT:

UN/ID No.: not applicable
Proper shipping name: not applicable
Hazard Class: not applicable
Packing group: not applicable

IMDG/ADR:

UN/ID No.: not applicable
Proper shipping name: not applicable
Hazard class: not applicable

Packing group: not applicable

ICAO/IATA:

UN/ID No.: not applicable

Proper shipping name: not applicable

Hazard class: not applicable

Packing group: not applicable

The information contained in this document is subject to change or update due to changing government regulations. The user of this document assumes responsibility for complying with all applicable national and international laws and regulations regarding the shipment of Dangerous Goods.

15. REGULATORY INFORMATION

Poisons Schedule Number: None allocated

16. OTHER INFORMATION

The information contained herein is believed to be accurate and represents the best information currently available to us, much of which comes from the manufacturer or supplier of components of this product. Therefore, Amway of Australia and Access Business Group LLC make no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to make certain that this MSDS is the most current MSDS for the product; to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations. If there are any questions concerning the information contained in this sheet or its applicability to a particular use, the user is instructed to telephone the Technical Department on (02) 9843 2000. Amway of Australia and Access Business Group LLC assume no responsibility for injury from the use of the product described in this sheet in a way different from that provided in the label directions.

Prepared By: Access Business Group LLC, Environmental, Health and Safety Department, Ada, Michigan, U.S.A.

This data sheet contains changes from the previous version in section(s): 1, 3, 5, 8, 9, 10, 11, 14

*****END OF SAFETY DATA SHEET*****