

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Red Stuff
Product Code	961
Product Uses	Multipurpose industrial cleaner concentrate
Company Name	Lubrimaxx Pty Ltd (ABN 2500 685 0415)
Address	30 Spencer St, Sunshine West, VIC 3020
Telephone Number	(03) 9300 6900
Fax Number	(03) 9312 3239
Emergency Tel.	Australia-1 300 72300 Malaysia-+ 603 55112346
Internet Website:	www.lubrimaxx.com

Section 2. HAZARDS IDENTIFICATION

This material is considered to be hazardous according to regulations.

GHS Classification

Skin corrosion - Category 1

Eye damage - Category 1

Acute Toxicity - Category 5

Single target Organ Toxicity (Single Exposure) - Category 3

GHS element, including precautionary statements

Symbol:



Signal Word: **Danger**

Hazard statement:

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage

H303: May be harmful if swallow

H335: May cause respiratory or

H336: May cause drowsiness or dizziness

Precaution statement

Prevention

P260: Do not breath dusts or mists

P264: Wash affected area thoroughly
 P270: Do not eat, drink or smoke when using this product
 P280: Wear protective gloves/protective clothing/ eye protection or face protection.

Response

P312 : Call a POISON CENTER/ doctor/ physician if you feel unwell
 P301+P330+P331: If SWALLOWED: rinse mouth. DO Not induce vomiting
 P303+P361+P353: IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Rinse skin with water/shower
 P363: Wash contaminated clothing before reuse
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P310: Immediately call a POISON CENTER or doctor/physician
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P307+P311: IF exposed: Call a POISON CENTER or doctor or physician

Storage

P405: Store locked up

Disposal

P501: Dispose of content/ container to authorized or registered contractor.

IMPORTANT: This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied.

When diluted to 1:5 or greater they no longer apply.

However, good hygiene and housekeeping practices should be adhered to.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Name	CAS Number	Proportion (%)
Sodium Hydroxide	1310-73-2	0-10
Sodium Metasilicate	6834-92-0	0-10
Sodium Tripolyphosphate	7758-29-4	0-10
Additives, surfactant	Mixture	0-10
Ingredients determined not to be hazardous	Mixture	To 100

Note: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from SWA publication "HAZARDOUS CHEMICALS Globally Harmonised System of Classification and Labelling of Chemicals" 5th Revised Edition, but are listed for information purposes and for additive effects.

Section 4. FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities Required	Eye wash and normal wash room facilities.
Inhalation	If fumes or combustion products are inhaled: Remove to fresh air. Lay patient down. Keep warm and rested. If available, administer medical oxygen by trained personnel. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Transport to hospital, or doctor, without delay.
Skin contact	DO NOT delay. If this product comes in contact with the skin: Immediately flush body and clothes with large amounts of water, using safety shower if available. Quickly remove all contaminated clothing, including footwear. Wash affected areas with water (and soap if available) for at least 15 minutes. Transport to hospital, or doctor.
Eye contact	DO NOT delay. If this product comes in contact with the eyes: Immediately hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel
Ingestion	DO NOT delay. If poisoning occurs, contact a doctor or Poisons Information Centre. Phone; 13 11 26
Advice to Doctor	If swallowed, do NOT induce vomiting. Give a glass of water Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

Section 5. FIRE FIGHTING MEASURES

Fire and Explosion hazards: Non flammable

Suitable Extinguishing Media: Use an extinguishing media suitable for surrounding fires.

Special protective actions for fire-fighters: Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure

to products of combustion or decomposition.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Non-emergency personnel: Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Remove of ignition sources and provision of sufficient ventilation.

Emergency Procedures:

- Shut off engine and electrical equipment and leave off.
- Move people from immediate area; keep upwind.
- Stop leak if safe to do so.
- Send messenger to notify fire brigade and police.
- Tell them location, material quantity, emergency contact.
- Indicate condition of vehicle and damage or injuries observed.
- Warn other traffic.

Environmental precaution: Isolate the spillage and prevent the material to enter drains, sewers, waterways and soil. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Method and materials for containment and cleaning up: Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If required, neutralize with sodium metabisulphite or sodium thiosulphate. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling: As with any chemical, avoid excessive personal contact. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling. Work clothes should be laundered. Launder contaminated clothing before re-use

Conditions for Safe Storage: Store in a cool, dry, place with good ventilation. Avoid storing in aluminum and light alloy containers. Store away from acids. Keep containers closed at all times – check regularly for leaks

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use only in well ventilated areas.

Eye Protection: Avoid contact with the eyes. Wear safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them

Skin Protection: Avoid contact with skin. Impervious gloves recommended. Overalls, apron, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

Respiratory protection: Not required for normal cleaning operations with adequate ventilation.

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Red Clear Liquid
Specific Gravity	1.0 at 25 °C
Colour	Red
Odour	Mild
Boiling Point	Approximately 100 °C
Freezing Point	Approximately 0 °C
Vapour pressure	Not available
Vapour Density	Not available
Flash point	Not flammable
Water Solubility	Miscible in all proportions
pH Value	Greater than 12 (neat)
Coefficient of Water/Oil	Not available
Distribution	
Evaporation Rate	Not available
Odour Threshold	None
Viscosity	Not available
Relative Density	Not available
Percent Volatile	Not available

Section 10. STABILITY AND REACTIVITY

Reactivity: Stable at normal temperatures and pressure

Chemical Stability: Stable under normal conditions of storage and handling.

Possibility of hazardous reactions: None under normal processing

Conditions to avoid: Heat and heat sources.

Incompatible materials: Acids

Hazardous decomposition products: Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Acids (especially hydrochloric acid); will generate toxic gas.

Hazardous Reactions: None known

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhaled Inhalation over exposure may result in mucous membrane irritation of the respiratory tract and coughing.

Ingestion Ingestion may result in irritation to the mouth and throat, nausea, vomiting.

Skin Contact Skin contact may result in irritation, redness, pain, rash, dermatitis. Severity depends on the concentration and duration of exposure.

Eye Contact may result in irritation, lacrimation, pain, redness, conjunctivitis.

Delayed and immediate effects and also chronic effects from short and long term exposure

Acute toxicity:	LD50 Oral calculated 5000mg/kg
Skin Corrosion and Irritation	Serious skin corrosion and irritation
Serious eye damage/ eye irritation	Serious eyes irritation
Respiratory/Skin sensitization	No data available
Carcinogenicity	No data available
Germ cell mutagenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity single exposure	No data available
Specific target organ toxicity repeated exposure	No data available

Aspiration hazard

No data available

Section 12. ECOLOGICAL INFORMATION

TOXICITY : Acute Aquatic Toxicity NOT HAZARDOUS – Not harmful to aquatic life.

PERSISTENCE AND DEGRADABILITY : Biodegradable

BIOACCUMULATION POTENTIAL : No data available

MOBILITY IN SOIL : No data available

AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

Section 13. DISPOSAL CONSIDERATIONS

Disposal method: Dispose of contents/container to chemical landfill. Consult local or regional waste management authority for further details.

Section 14. TRANSPORT INFORMATION

Classified as Dangerous Goods by Road, Rail and Sea.



U.N Number	1760
U.N Proper Shipping Name	Corrosive Liquid NOS (Contains Sodium Hydroxide)
Class	8
Packing Group	II
Marine Pollutant	No
Hazchem Code	2S

Transport information: Classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road and Rail

IATA: Classified as Dangerous Goods

IMDG: Classified as Dangerous Goods.

Section 15. REGULATORY INFORMATION

SUSMP	Schedule 5
ADG Code	Class 8

AICS

All ingredients present on AICS.

Section 16. OTHER INFORMATION**Abbreviations and acronyms****ADG Code:** Australian Code for the Transport of Dangerous Goods by Road and Rail.**AICS:** Australian Inventory of Chemical Substances.**CAS Number:** Chemical Abstracts Service Registry Number.**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals**HAZCHEM:** An emergency action code of numbers and letters which gives information to emergency services.**HSIS:** Hazardous Substances Information System**IATA:** International Air Transport Association**IMDG:** International Maritime Dangerous Goods**NTP:** National Toxicology Program (USA).**SDS:** Safety Data Sheet**SWA:** SafeWork Australia**SUSMP:** Standard for the Uniform Scheduling of Medicines and Poisons.**TWA:** Time Weighted Average.**UN Number:** United Nations Number.**Literature References:**

Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia)

GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia)

Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.

Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.

“Australian Exposure Standards”

Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.

Standard for the Uniform Scheduling of Medicines and Poisons 2015.

Material Safety Data Sheets – individual raw materials – Suppliers.

HSIS – Hazardous Substance Information System – National Worksafe Data Base.

LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011

IMPLEMENTATION OF THE GLOBALLY HARMONISED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) APRIL 2012

Disclaimer: It is believed that the information given in this bulletin is accurate at the issue date. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

Lubrimaxx pursues a policy of ongoing research and development aimed at product

improvement and therefore may change the formulation, specification and characteristics of its products without notice.

It is the user's responsibility to verify the current formulation, specification or characteristics of a product, and to ascertain that it is suitable for an intended use or application.

****End of SDS****