

MATERIAL SAFETY DATA SHEET



ENGINE FLUSH

Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Engine Flush
Product Code	703
Product Uses	Suitable as cleaning fluid for automotive engines
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.	1800 023 005
Internet Website:	www.lubrimaxx.com

Section 2. HAZARDS IDENTIFICATION

Hazard Classification	Product classified as Hazardous according to NOHSC classifications
Risk Phrase(s)	R65- Harmful: May cause lung damage if swallowed

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Name	CAS Number	Proportion (%)
Naphtha (petroleum), hydrotreated heavy	64742-48-9	40-60
Refined mineral oil	64742-65-0	40-60
Other non-hazardous ingredient		<10

Section 4. FIRST AID MEASURES

Inhalation: If inhaled, remove patient from contaminated area. Keep warm and at rest. If not breathing, apply artificial respiration. If breathing is difficult give oxygen. Seek medical attention.

Ingestion: If swallowed, do not induce vomiting. Seek immediate medical attention. If conscious, give water. If patient is drowsy or unconscious, place them on their left side with their head down. Obtain medical attention urgently. For advice, contact Poisons Information

Centre (Phone 131126).

Skin: Wash affected area thoroughly with soap and water. Immediately remove contaminated. If symptoms develop seek medical attention.

Eye: If contact with the eyes, wash with copious amounts of water for at least 15 minutes. If symptoms persist seek medical attention.

First Aid Facilities: Eye wash and normal wash room facilities.

Advice to Doctor: Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Specific Hazard: Combustible liquid

Suitable Extinguishing Media: Regular foam, dry chemical, carbon dioxide.

Hazards from Combustion Products: Depending on combustion conditions, a complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, will be evolved when this material undergoes combustion.

Special Protective Equipment: Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) in case of fire.

Section 6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Personnel involved in clean up required to wear appropriate personal protective equipment and clothing to minimize exposure. Eliminate all sources of ignition. Ventilate spillage area. 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.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling: Use in a well ventilated area. Store in cooled, well ventilated, low fire risk area, away from sources of heat or ignition.

Keep lids tightly closed.

Always wash hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage: Keep container closed at all times. Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Check containers 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 or face shield to avoid eye contact or splashing.

Hand Protection: Avoid contact with skin. Impervious gloves recommended. Wear suitable protective clothing. PVC, Neoprene or Nitrile rubber gloves are recommended, but

avoid prolonged contact.

Body Protection: Not normally required. Where splashing is possible suitable work wear should be worn to protect personal clothing.

Respiratory protection: Do not breathe dust, fumes or vapor. Use approved respirator when exposed to concentration above the exposure limit.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear amber liquid
Melting Point	No data available
Flash point	70 ⁰ C Typical
Specific Gravity	0.8-0.83 at 15 ⁰ C
Flammability	Not available
Auto ignition temperature	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Flammable limits	Not available
Solubility in water	Insoluble
Biodegradability	Not classified as biodegradable

Section 10. STABILITY AND REACTIVITY

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

Conditions to Avoid: Heat, direct sunlight, open flames or other sources of ignition.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition products: Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Inhalation: Breathing of high vapour concentrations may cause central nervous system depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.

Ingestion: Ingestion of this product may lung damage.

Skin: May cause irritating to skin. Avoid contact with skin. Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance. Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters.

Eye: May cause irritation to eyes. Avoid contact with eyes

Chronic Effects: Prolonged or repeated contact may result in skin irritation leading to dermatitis.

Section 12. ECOLOGICAL INFORMATION

Do not allow product to enter waste water, river or creeks

Section 13. DISPOSAL CONSIDERATIONS

Slippery when spilt, clean up immediately. Collect and seal in proper labeled drums for disposal.

Disposal method: In accordance with government regulations for the disposal of special waste. Always consider the recycling the product.

Contact local council for correct disposal methods

Section 14. TRANSPORT INFORMATION

Australian code for transport of Dangerous Goods by Road or Rail

U.N Number Not Available

U.N Proper Shipping Name Not available

Class Not available

Subsidiary Risk Not available

Packing Group Not available

Hazchem Code Not available

Transport information: Not classified as Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road, Rail and Sea.

Section 15. REGULATORY INFORMATION

Poisons Schedule: Not scheduled

Section 16. OTHER INFORMATION

Contact Point Technical Manager

Phone (03) 9300 6900

Literature References: * NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets

* NOHSC:1008 Approved Criteria for Classifying Hazardous Substances

* NOHSC:10005 List of Designated Hazardous Substances

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.

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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.

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