

PRODUCT NAME & IDENTIFICATION

BLUE SAPPHIRE HEAVY DUTY CLEANER AND DEGREASER

1. DISTRIBUTOR DETAILS

COMPANY: The Lot Management Services
ADDRESS: 8 Mini Avenue, Kenleaf x 8, Brakpan
CONTACT PERSON: Tertius Botes
TELEPHONE NUMBER: 076 214 2841
EMAIL ADDRESS: info@thelot.org.za
ALL HOURS NUMBER: 076 214 2841

2. CONSTITUENT CHEMICALS & RELATIVE DANGER:

COMPOSITION: Proprietary blend of detergents, wetting agents (Ethoxylated alcohols) and mildly alkaline sodium and phosphate based salts
CHEMICAL FAMILY: Heavy duty water based detergent
CAS NO: Main raw material 11176-2
UN NO: Main raw material 2369

3. HAZARDS

EFFECTS ON WORKERS: None due to low toxic values. Prolonged skin exposure will result in de-fatting of skin.
FIRE AND EXPLOSION: N/A (water based product)

4. FIRST AID

REQUIREMENTS FOR CONTAMINATION

Wash contaminated area very well with large amounts of clean water.
ANTIDOTES: None
EYES: Wash with large amounts of clean water.
LUNGS: Remove patient to fresh air, and treat as irritant
SKIN: Wash with large amounts of clean water.
MOUTH: Wash with large amounts of clean water.
INGESTION: Wash mouth with water. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

-Suitable: Dry Chemical powder or CO2 to be used around product
-Not Suitable: N/A
SPECIFIC HAZARDS: None

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Face masks, protective apron, pvc gloves and boots
ENVIRONMENTAL PRECAUTIONS: Detergents are bio-degradable but pH must be neutralized.
METHODS FOR CLEANING UP: Do not allow into storm water drains. Wash to effluent and treat as mild alkaline

7. HANDLING AND STORAGE

HANDLING	Prolonged skin exposure will result in de-fatting of skin.
STORAGE	
-Recommended Storage Conditions	Store in a cool dry area
-Incompatible Products	None
-Packaging Materials	All plastics

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT	Safety goggles, protective apron, pvc gloves and boots
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9. PHYSICAL PROPERTIES

PHYSICAL STATE	Liquid
COLOUR	Clear Blue
ODOUR	Glycol
SOLUBILITY IN WATER	100% soluble in water
pH NEAT	12.5 - 13,2
SPECIFIC GRAVITY (H2O=1)	1,025
KEY TEMPERATURES	
-Melting	N/A
-Boiling	91 °C
FLAMMABILITY CHARACTERISTICS	
-Flash Point	N/A
-Ignition temperature	N/A
-Explosion limits	N/A
OXIDIZING PROPERTIES	None

10. STABILITY AND REACTIVITY

STABILITY	Stable
HAZARDOUS REACTIONS	
-Materials to avoid	Strong Acids
-Hazardous decomposition Products	No typical hazardous decomposition products known

11. TOXOLOGICAL INFORMATION

TOXICITY	According to our present knowledge none
CARCINOGENITY	None according to present data available

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY	Biodegradable within 90 days
BIODEGRADABILITY	Biodegradable
BIO ACCUMULATION	None expected however untested.

13. DISPOSAL CONSIDERATIONS

Do not puncture or incinerate containers. Dispose of containers in accordance with local and state regulations. Alternatively used containers that are undamaged (including caps) can be collected by the manufacturer by arrangement.

14. TRANSPORT INFORMATION

LAND	Consumer Commodity
RAIL/ROAD	To be established
SEA(IMA/IMDG)	To be established
AIR (ICAO-IATA)	To be established

15. REGULATORY INFORMATION

HAZARD CLASSIFICATION	None
RISK PHRASES 66	Repeated exposure may cause skin dryness or cracking
SAFETY PHRASES	Wear suitable protective clothing

16. OTHER INFORMATION

The information in this MSDS is based on current knowledge and experience at the date of publication, as well as MSDS literature by the raw material suppliers. This document is not to be considered a warranty or quality specification of the product. The Lot Management Services makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information

*Blue
Sapphire*

**HEAVY DUTY
Multi Purpose Cleaner
and Degreaser**

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