

1. Product and Company Identification

Product Name	Mineraluxe Cover Cleanse & Protect
Product Use	Protects & Cleans Hot Tub Covers
Supplier	Mineraluxe c/o. BACKYARD BRANDS, INC. 401 S. Enterprise Blvd. Lebanon, IN 46052 USA – 1-866-875-0012
	24 HR. EMERGENCY TELEPHONE NUMBERS Poison Control Center (Medical): (877) 800 - 5553 CANUTEC (Canadian Transportation): (613) 996 - 6666 CHEMTREC (US Transportation): (800) 424 – 9300

2. Hazards Identification

EMERGENCY OVERVIEW

ROUTES OF ENTRY: Eye, Skin contact, ingestion.

POTENTIAL HEALTH EFFECTS

EYES:	May cause eye irritation. Avoid contact with eyes.
SKIN:	May cause slight skin irritation upon repeated/prolonged contact.
INGESTION:	May cause irritation to mouth, esophagus and stomach. May cause gastric tract upset and/or damage.
INHALATION:	May cause slight nose, throat and respiratory tract irritation.
CHRONIC:	There are no known chronic hazards.

3. Composition / Information on Ingredients

Ingredients	CAS#	Wt%
Polydimethylsiloxane	63148-62-9	1.0 – 5.0%
Alcohol Ethoxylate	61702-78-1	1.0 – 5.0%

4. First Aid Measures

EYES:	If contact with eye occurs, immediately flush contaminated eye(s) with cool, gently flowing water for at least 15 minutes, holding eyelid(s) open. If irritation persists, seek immediate medical attention..
SKIN:	If on skin, wash off excess chemical with soap and flush skin with cold water for at least 15 minutes. If skin irritation persists, seek immediate medical attention. Remove contaminated clothing & launder before reuse
INGESTION:	If swallowed, rinse mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person.
INHALATION:	Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.

5. Fire Fighting Measures

FLAMMABILITY:	Nonflammable.
FLASHPOINT DEG (C,TCC):	Not applicable.
MEANS OF EXTINCTION:	As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.
SPECIAL FIRE HAZARD:	Fire fighters should wear self-contained breathing apparatus as for surrounding fire.
AUTOIGNITION TEMP:	Not applicable.
FLAME PROPAGATION- BURNING RATE OF SOLID:	Not applicable.
SENSITIVITY TO STATIC: DISCHARGE	Not applicable.
UNUSUAL FIRE & EXPLOSION HAZARDS:	None expected. As per surrounding fire.
HAZARDOUS DECOMP- OSITION PRODUCTS:	Oxides of carbon, oxides of nitrogen.

6. Accidental Release Measures

LEAK & SPILL PROCEDURES:	Before attempting clean-up, refer to the hazard data provided above. Small spills may be absorbed with non-reactive absorbent and placed in a suitable, covered container. For large quantities, dispose of in accordance with local, provincial or federal regulations. For large spills, prevent from entering sewers and waterways. For large spills, provide diking to prevent spreading.
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7. Handling and Storage

STORAGE REQUIREMENTS:

KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials which include alkalies, reducing materials, reducing sugars and ammonia salt and oxidizers.

Storage temperature C Ambient to 45 °C (must be stored above 8° C at all times). Transport temperature C Ambient to 35°C (must be stored above 8°C at all times). Keep container closed. Handle and open container with care. Store in a well ventilated place away from incompatible materials. Do not store near open flame. Do not reuse empty containers.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 cfr 1910.1200)

EXPOSURE LIMITS

	<u>OSHA-TWA</u>		<u>ACGIH-TWA</u>	
	<u>PPM</u>	<u>MG/M3</u>	<u>PPM</u>	<u>MG/M3</u>
Polydimethylsiloxane	N/E		N/E	
Alcohol Ethoxylate	N/E		N/E	

OSHA TABLE COMMENTS:

1. N/E = Not Established

GLOVES:

Impervious gloves if sensitive to hydrogen peroxide.

EYE PROTECTION:

Not normally required – if eye contact is possible, chemical splash goggles are recommended.

RESPIRATORY PROTECTION:

Not normally required if good ventilation is maintained.

OTHER PROTECTIVE EQUIP:

As required by employer code. Eye bath, safety shower, protective clothing.

ENGINEERING CONTROLS:

General ventilation normally required.

9. Physical & Chemical Properties

Physical State:	Liquid
Odour:	Typical
Appearance:	Milky white solution
Colour:	Milky white

pH:	6 – 8
Boiling Point:	100° C
% Volatile (wt.%):	>80%
Specific Gravity:	1.0 (water=1): 1:00 – 1.02
Solubility in Water:	Complete
Viscosity:	Water-like
Evaporation Rate (water=1):	Similar

10. Chemical Stability & Reactivity Information

CONDITIONS FOR CHEMICAL INSTABILITY:	Stable under normal conditions.
HAZARDOUS DE-COMPOSITION PRODUCTS:	Oxides of carbon, Oxides of Nitrogen when heated.
INCOMPATIBLE MATERIALS:	Reducing agents, strong acids, strong caustics, oxidizing agents.

11. Toxicological Information

Ingredients	LD⁵⁰
Polydimethylsiloxane	1-2ppm (oral/rat)
Alcohol Ethoxylate	2,000 mg/kg (oral/rat)
Skin Sensitization (OECD Sec.406)	Non Sensitizing.
Carcinogenicity:	No ingredients listed IARC or NTP or ACGIC. Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity, Mutagenicity Reproductive Effects:	The ingredients in this product were found not to be mutagenic when tested by the Ames Assay (OECD Guidelines for chemical testing, sec. 471). Repeated or prolonged exposures to dilutions can cause drying, defatting and dermatitis. Whitening of skin may occur in some instances, this is a temporary effect and normal skin colour will revert in a few minutes.

12. Ecological Information

Biodegradability:	The components of this product are inherently biodegradable. 52% DOC removal, 28 days Zahn Wellans (OECD 302 B)
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13. Disposal Considerations

DISPOSAL METHOD:	Dispose of in accordance to all local, provincial/state and federal regulations.
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14. Transport Information

TDG: Not regulated

DOT: Not regulated

15. Regulatory Information

CANADA

WHMIS CLASS: Class D Division 2B

OSHA & WHMIS MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations.

ENVIRONMENTAL REGULATORY LISTS:

SARA- Section 313 (Toxic Chemical Release

Reporting) 40 CFR 372: None of these ingredients are listed.

CERCLA – Section 102

(Reportable Qty) 40 CFR 302: None of these ingredients are listed.

RCRA 40 CFR 302 RCRA 40

CFR 261 (Sub-part D): None of these ingredients are listed.

CLEAN WATER ACT – Sec. 311 (Reportable Qty)

40 CFR 116: None of these ingredients are listed.

CLEAN AIR ACT – Sec.312 (List of hazardous pollutants)

40 CFR 63 (Subpart C): None of these ingredients are listed.

National Pollutant Release Inventory:

None of these ingredients are listed.

Toxic Substances Control Act (TSCA):

All ingredients are registered on the Chemical Substances inventory.

CANADIAN DOMESTIC

SUBSTANCE LIST (DSL): All ingredients are registered on the DSL.

16. Other Information

COMMENTS:	The contents and format of this SDS are in accordance with OSHA Hazard Communication Standard, National Fire Protection Association (NFPA), Hazardous Materials Identification System (WHMIS), and Canada's Workplace Hazardous Information System (WHMIS) and Environmental Protection Agency (CEPA).
DISCLAIMER:	Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
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