

MATERIAL SAFETY DATA SHEET

Hazardous Materials Identification System

4=Extreme/Severe 3=High/Serious

2=Moderate 1=Slight 0=Minimum

| | |
|-------------|---|
| Health | 1 |
| Fire | 0 |
| Reactivity | 0 |
| Personal PE | E |

Product Name:

TERMINATOR-HSD Asphalt Cleaner

C.A.S. #

N/A

Effective Date:

6/13

Supersedes:

All previous

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Non-hazardous, naturally occurring nutrients on a calcified seaweed base.

Calcified Seaweed Base: *Lithothamnium Calcareum*

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|--|-----|--|--------------------|
| Boiling Point | N/A | Specific Gravity (H ₂ O= 1) | >1.0 |
| Freezing/Melting Point | N/A | | |
| Vapor Pressure (mm H/g) | N/A | Decomposition Temperature | >850 °C |
| Vapor Density (Air= 1) | N/A | Evaporation Rate (Butyl Acetate= 1) | Will not evaporate |
| Solubility in Water: Partial | | | |
| pH @ 1% Solution: Approx. 10.0 | | | |
| Appearance and Odor: Gray to off-white powder, slight marine odor. | | | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|-------------------------------------|---------------------------------|------------------|-----|-----|-----|
| Flash Point (Method Used) | N/A | Flammable Limits | N/A | LEL | UEL |
| Extinguishing Media: | NONE, product is non-flammable. | | | | |
| Special Fire Fighting Procedures: | NONE | | | | |
| Unusual Fire and Explosion Hazards: | NONE | | | | |

SECTION V - REACTIVITY DATA

Stability: Stable at ambient temperatures and atmospheric pressure.
Conditions to avoid: Protect from moisture and excessive heat.
Incompatibility (Materials to avoid): Strong Acids
Hazardous Decomposition or Byproducts: Reacts with acids liberating Carbon Dioxide
Hazardous Polymerization: Will NOT occur

SECTION VI - HAZARDOUS HEALTH DATA

EXPOSURE LIMITS

Chemical Name(s): ACGIH (TWA) OSHA(TWA)

NONE

EFFECTS OF SINGLE OVEREXPOSURE:

Swallowing: Ingestion of large quantities may result in abdominal discomfort including nausea, vomiting, cramps, and diarrhea.

Skin Absorption: Not absorbed through skin.

Inhalation: May cause mechanical irritation to eyes and lungs with prolonged exposure.

Eye contact: May cause eye irritation.

EFFECTS OF REPEATED OVEREXPOSURE: Prolonged or repeated contact with powders may cause allergic reactions in hypersensitive individuals.

OTHER EFFECTS OF OVEREXPOSURE: NONE

Existing Medical Conditions Possibly Aggravated by Exposure: Respiratory allergy (hay fever, asthma) in some people.

Carcinogenicity: This product does not contain any ingredient designated by IARC, NTP, ACHIH, or OSHA as a probable human carcinogen.

EMERGENCY AND FIRST AID PROCEDURES:

Swallowing: Get medical attention if allergic symptoms develop (observe for 48 hours). Never give anything by mouth to an unconscious or convulsing person. Get medical attention.

Skin: Wash exposed areas with soap and water. Get medical attention if allergic reaction occurs.

Inhalation: Remove patient to fresh air. If breathing is difficult or allergic reaction or irritation develops, administer oxygen and get medical attention.

Eyes: In case of contact, flush eyes with plenty of water at least 15 minutes using an eyewash fountain, if available. Get medical attention if eye irritation occurs or persists.

NOTES TO PHYSICIANS: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if Material is released or spilled: All personnel involved in the cleanup must wear protective clothing. **NO** emergency results from spillage. However, spills should be cleaned up promptly. To the extent possible, clean up spills using shovels. Sweep spilled material, being careful not to create dust.

Waste disposal method: No special disposal method. Product may be sewerred, and is compatible with all known biological treatment methods. Dispose of in accordance with local, state, and federal regulations.

Precautions to be taken in Handling and Storing: Keep dry and at room temperature. Avoid prolonged skin contact.

SECTION VIII - SPECIAL PROTECTION INFORMATION

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|----------------------------|---|
| Respiratory Protection: | Surgical mask or equivalent. |
| Ventilation: | Provide adequate ventilation. Use local exhaust as needed if dusting occurs. |
| Protective clothing: | Work gloves |
| Eye Protection: | Safety glasses or goggles |
| Other protective clothing: | Dusting protection. |
| Work/Hygienic Practices: | Avoid dust. Do not ingest. Wash hands with soap and water after using material. |

SECTION IX REGULATORY STATUS

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|--|---|
| TSCA Inventory Status: | This product is not listed on the TSCA inventory. |
| Transportation Status: DOT: | Not regulated. |
| Reportable Quantity (RQ) under 49 CFR 172. 101 Appendix: | Not listed. |
| SARA Title III: | |
| Section 302 Extremely Hazardous Substance List: | Not required. |
| Section 313 Toxic Chemicals: | Not required. |
| Reportable Quantity (RQ) under US EPA CERCLA: | Not listed. |
| RCRA Hazardous Waste: | Not listed. |

SECTION XIV TRANSPORTATION

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|-----------------------|--|
| Proper Shipping Name: | TERMINATOR-HSD Asphalt Cleaner |
| Hazard Class: | N/A |
| UN Number: | N/A |
| Special Information: | Non-Hazardous Powder Material – Keep dry for integrity of the product. |
| Packing Group: | III |

The information herein is given in good faith, but no warranty - expressed or implied - is made.
N/A=Not applicable. N/E=Not established.

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