

Product Code:       MSDS438  
Product Name:       GRIME REAPER  
                      ITEM CODE: 564688

24-hour Emergency Phone:                       (800) 535-5053

HMIS CODES H F R P  
              1 0 0 B

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**DISTRIBUTED BY:**  
                          DAYCON PRODUCTS COMPANY, INC.  
                          16001 TRADE ZONE AVE.  
                          UPPER MARLBORO, MD 20774

**2. HAZARDS IDENTIFICATION**

Generally considered a non-irritant, does not have a significant risk, provided, that the proper use, handling and storage precautions are exercised. However, prolonged exposure may cause mild irritation and redness. While this material has a low level of toxicity, good industrial hygiene practices are encouraged to minimize exposure. May cause irritation to the eyes, skin, and respiratory system. If ingested, may irritate the mucous membranes. May be slightly irritating to eyes and skin. Ingestion may cause abdominal discomfort, nausea, vomiting and diarrhea.

**Potential Health Effects**

**EYE:**

Eye irritant.

**SKIN:**

May cause irritation.

**INGESTION:**

May cause nausea, vomiting and stomach irritation. Very low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

**INHALATION:**

Prolonged inhalation may result in respiratory irritation. Under normal conditions, using adequate ventilation no problems are expected

**CHRONIC (CANCER) INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

Not classified as a teratogen.

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**REPRODUCTION INFORMATION:**

Does not harm reproductive cells.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component/Exposure Limits	CAS#	% by Wt.
Nonionic Surfactant	Proprietary	Not Regulated
Blend Bacteria Cultures	Blend	Not Regulated
Fragrance added	Proprietary	Not Regulated

**4. FIRST AID MEASURES**

**EYES:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

**SKIN:**

Wash with soap and water.

**INGESTION:**

If swallowed, Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT INDUCE vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Treat symptomatically. Get medical attention.

**INHALATION:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIANS:**

No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

FLASH POINT: N/A

Method: N/A

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Greater than 200F. Not flammable.

**FLAMMABLE LIMITS:**

Lower flammable limit: N/A  
Upper flammable limit: N/A

**AUTOIGNITION TEMPERATURE:**

Not Applicable.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon. Oxides of carbon, nitrogen and sulfur.

**EXTINGUISHING MEDIA:**

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

**FIREFIGHTING INSTRUCTIONS:**

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines. Use self-contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

**LARGE SPILL:**

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways. If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material.

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**7. HANDLING AND STORAGE**

**HANDLING:**

Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Do not handle near heat, sparks or flames. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing. Keep containers closed when not in use.

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**STORAGE:**

Keep containers covered. Avoid eye and prolonged skin contact. Do not store near heat, sparks, flame or strong oxidants. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices. Store between 5°C - 35°C.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:**

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product.

**RESPIRATORY PROTECTION:**

None Normally Needed.

**SKIN PROTECTION:**

Impervious Such As Neoprene or nitrile. Not normally needed.

**EYE PROTECTION:**

Chemical splash goggles with side shields recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**BOILING POINT:** 100 C  
**MELTING POINT:** Not applicable.  
**VAPOR PRESSURE:** NO INFORMATION AVAILABLE.  
**VAPOR DENSITY:** (Air=1): >1  
**SOLUBILITY IN WATER:** Emulsifies Soluble  
**SPECIFIC GRAVITY:** 1.033  
**pH:** 6.6 - 8.7  
**ODOR:** Lavender Citrus.  
**APPEARANCE:** Clear amber liquid.

**10. STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY (CONDITIONS TO AVOID):**

Stable.

**INCOMPATIBILITY:**

Oxidizers, reducers, heat, alkalis, acids, disinfectants, and bleach. Strong oxidizing agents. Strong Oxidizers, strong acids, strong alkalis.

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**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon, and sulfur may be emitted if product burns.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

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**EYE:**

NO INFORMATION AVAILABLE.

**SKIN:**

NO INFORMATION AVAILABLE.

**INGESTION:**

NO INFORMATION AVAILABLE.

**INHALATION:**

NO INFORMATION AVAILABLE.

**SUBCHRONIC:**

NO INFORMATION AVAILABLE.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

**REPRODUCTION:**

Not expected to effect human reproduction.

**MUTAGENICITY:**

Not mutagenic.

**12. ECOLOGICAL INFORMATION**

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**ECOTOXICOLOGICAL INFORMATION:**

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This material is highly soluble in water. It should exhibit low toxicity to aquatic organisms.

**CHEMICAL FATE INFORMATION:**

Readily biodegradable.

**13. DISPOSAL CONSIDERATIONS**

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.  
Dispose empty containers in accordance with applicable regulations.

**14. TRANSPORT INFORMATION (Not meant to be all inclusive)**

Not regulated.

**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent**

**U.S. FEDERAL REGULATIONS:**

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200 There is no calculable reportable quantity for this product.

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

Not regulated.

**SECTION 313:**

Not Regulated.

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:**

NO INFORMATION AVAILABLE.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

NO INFORMATION AVAILABLE.

**EINECS:**

NO INFORMATION AVAILABLE.

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**STATE REGULATIONS:**

NO INFORMATION AVAILABLE.

**VOLATILE ORGANIC COMPOUNDS:**

NO INFORMATION AVAILABLE.

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**16. OTHER INFORMATION**

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**SDS Status:**

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of Daycon Products Company, Inc., therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.