



NITRO-CT

High pH Pre-Spray
SAFETY DATA SHEET (SDS)

| | | | |
|-------------------|--------------------------|-----------------------------|---------------------|
| Manufacturer Name | Grease Magic | 24 Hour Emergency Telephone | 800.435.5868 |
| Address | 3784 11 Mile Rd | | |
| | Berkley, MI 48072 | Fax: 248.548.5454 | |
| | 248-548-5211 | shopnutech.com | |
| Trade Name | | Product Type | Powdered detergent |
| Chemical Family | Nonionic | Formula | N/A |

SECTION 2: HAZARDOUS IDENTIFICATION

GHS Classification:

Health: Not Classified
Physical: Not Classified
Environmental: Not Classified

GHS Phrases:

Warning, H313 – May be harmful in contact with skin
Warning, H320 – Causes eye irritation
Warning, H303 – May be harmful if swallowed

GHS Label Elements:

Signal Word:

Warning

GHS Pictograms:

None

Precautionary Statements:

Prevention:

Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling.
Do not eat, drink, or smoke when using this product.

Response:

-Eyes

-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation continues, seek medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Name/Common Name | % (optional) | Cas.No. | OSHA PEL | ACGIH TLV (source) |
|--------------------------|--------------|--------------|----------|--------------------|
| Sodium Carbonate | | 497-19-8 | | |
| Sodium Tripolyphosphate | | 7758-29-4 | | |
| Sodium Metasilicate | | 6834-92-0 | | |
| Poly ethoxylated alcohol | | Not assigned | | |
| D'Limonene | | 95327-98-3 | | |

SECTION 4: FIRST AID MEASURES

| | |
|-------------------|--|
| Eyes | Flush with water, if irritation persists, consult physician |
| Skin | Wash with soap and water, if irritation persists, consult physician |
| Ingestion | Give large quantity of water, induce vomiting, get medical attention |
| Inhalation | Remove to fresh air, if breathing is difficult, consult physician |

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SECTION 5: FIRE FIGHTING MEASURES

| | | | |
|---------------------------------------|----------------------------------|-------------------------------------|----------------|
| Flash Point (T.C.C.) | N/A | Boiling | None to limits |
| Flammable Limits | N/A | Upper | Lower |
| Extinguishing Media | Water, foam, dry chemical CO2 | Special Fire Fighting Procedures | None |
| Unusual Fire and Explosion Hazards | None | | |

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| Steps to be taken if released or spilled | Sweep up and place in suitable container. |
| Waste disposal methods | Dispose to landfill in conformance with local, state and federal regulations |

SECTION 7: HANDLING AND STORAGE

| |
|--|
| Precautions to be taken in handling and storage |
| Other: KEEP OUT OF REACH OF CHILDREN |
| Keep container tightly closed and store in a cool place. Do not mix with other chemicals |

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

| | | | |
|--|--|----------------|---------------------------|
| Respiratory Protection | Not required unless product is atomized, then use a NIOSH approved respirator. | | |
| Ventilation | Local x | Mechanical | Other |
| Protective Gloves | Non-absorbent | Eye Protection | Glasses with side shields |
| Other Protective Clothing or Equipment | Protect parts of body that may come in contact with product | | |
| Work/Hygienic Practices | Wash with soap and water after contact | | |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | | | |
|----------------------------|-----------------------------------|----------------------------|----------------------------|---------------------------|------|
| Boiling Point (degrees F) | N/A | Specific Gravity (H2O=1.0) | N/A | pH | 11.5 |
| Vapor Pressure (mm Hg) | N/A | Vapor Density (Air = 1) | N/A | Melting Point (degrees F) | N/A |
| Solubility in Water | X Complete | Invisible | Emulsible (or dispersible) | Slight (or partial) | |
| Evaporation Rate (vs. H2O) | N/A | Faster | Slower | About the same | |
| Appearance and Odor | White granular powder, lemon odor | | | | |

SECTION 10: STABILITY AND REACTIVITY

| | | | |
|----------------------------------|---------------|--------------------------|-------------------------|
| Stability | Stable | Incompatibility | Strong oxidizing agents |
| Hazardous Decomposition Products | Organic fumes | Hazardous Polymerization | Will not occur |

Section 11: Toxicology Information

| | | | | | | |
|--|---|------|------------------|--|-------|--------|
| Threshold Limit Value – Product (Section 2-TLV) | None Established X | | Not Applicable | | | |
| Primary Routes of Exposure | Eye X | Skin | Oral | Inhalation | Other | |
| Signs and Symptoms of Over-exposure (acute) | | | | | | |
| Eyes | Causes irritation, corrosive. | | Skin | May cause irritation. | | |
| Inhalation | May cause irritation of the respiratory tract | | Ingestion | May cause gastro intestinal irritation | | |
| Signs and Symptoms of Over-exposure (chronic) | | | Not established | | | |
| Medical Conditions aggravated by Over-exposure | | | None known | | | |
| Carcinogen or Suspect Carcinogen Ingredients | | | NP | ARC | OSHA | None X |

Sodium Carbonate 497-19-8
 Oral (LD 50): 4090 mg/kg - Rat
 Inhalation (LC 50): 2300 mg/m³/2H - Rat
 Skin irritation: Mild - Rabbit
 Eye irritation: Moderate - Rabbit
 Sensitation: Not considered an occupational sensitizer

Sodium Metasilicate 6834-92-0
 Oral (LD 50): 1153 mg/kg - Rat
 Inhalation (LC 50): Not listed on RTEC
 Skin irritation: Severe
 Eye irritation: Severe
 Sensitation: Not considered an occupational sensitizer

D-Limonene 5989-27-5
 Oral (LD 50): 4400 mg/kg – Rat
 Inhalation (LC 50): Not Listed on RTECS
 Skin Irritation: Mild
 Eye Irritation: Severe
 Sensitation: Not considered an occupational sensitizer

Section 12: Ecological Information

Ecotoxicity

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|------------------|---------------------------------|--|----------------------------|---|
| Sodium carbonate | 242 mg/L EC50 120 h (Nitzschia) | LC50 300 mg/L Lepomis macrochirus 96 h LC50 310 – 122- mg/L Pimephales promelas 96 h | | EC50 265 mg/L 48 h |

Persistence and degradability

Biodegradability does not pertain to inorganic substances.

SECTION 13: DISPOSAL CONSIDERATIONS

Bioaccumulation

Does not bioaccumulate.

Mobility

Dissociates into ions.

Other adverse effects

None known

Waste disposal methods!

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging

Where possible recycling is preferred to disposal or incineration. Clean container with water. Dispose of rinse water in accordance with local and national guidelines.

SECTION 14: TRANSPORTATION INFORMATION

DOT

Not regulated

TDG

Not regulated

ICAO/IATA

Not regulated

IMDG/IMO

Not regulated

SECTION 15: REGULATORY INFORMATION

International Inventories

| | |
|---|----------|
| TSCA Inventory (United States of America) | Complies |
| DSL (Canada) | Complies |
| NDSL (Canada) | Complies |
| EINECS/ELINCS (Europe) | Complies |
| ENCS (Japan) | Complies |
| IECSC (China) | Complies |
| KECL (Korea) | Complies |
| PICCS (Philippines) | Complies |
| AICS (Australia) | Complies |
| NZIoC (New Zealand) | Complies |

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U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/31 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

International Regulations

Mexico – Grade No information available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials

E Corrosive material

SECTION 16: OTHER INFORMATION

| | Health | Fire | Reactivity | Special | Personal Protection Index |
|------|--------|------|------------|---------|---------------------------|
| NFPA | 1 | 0 | 0 | 0 | B |
| HMIS | 1 | 0 | 0 | 0 | B |

Note to Reader

The information contained herein is deemed accurate and complete at the time of this publication. Use of the product beyond care, custody and control of the manufacture shall bear no warranty whether implied or expressed. DSC Products, Inc. assumes no liability for injury to any person or property resulting of this product without strict adherence to safety procedures. User bears all risks concerning use of the product as designated through labeling. It is recommended any and all data, directives and recommendations should be followed accordingly. This does not apply to any combination with other materials, chemical compounds or processes not inclusive of aforementioned specifications.

SDS#: 8013B