

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Grease Buster
PRODUCT TYPE: Powdered Alkaline Laundry Additive
PRODUCT NUMBER: OC1050FMXX (Last 2 characters vary with the packaging)
CONTROL NUMBER: OC1050ALK

DISTRIBUTED BY: **4M Cleaning Solutions**
640 Yankee Lane 8C
Evansville, IN 47715

4M Cleaning Solutions
1075 NY-82, Suite 16
Hopewell Junction, NY

EMERGENCY PHONE: 1-812-453-4533

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE:Skin Corrosion (1B) Serious Eye Damage (1)
Corrosive to Metals (1) Specific Target Organ Toxicity, Single
Exposure; Respiratory Tract Irritation (3) Acute Toxicity, Oral (4)

SYMBOLS:



SIGNAL WORD:..... DANGER!

HAZARD STATEMENT: Causes severe skin burns and eye damage. May be corrosive to metals. May cause respiratory irritation. Harmful if swallowed.

PRECAUTIONARY STATEMENTS:

PREVENTION: Do not breathe dusts or mists. Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves / protective clothing / eye protection / face protection. Keep only in original packaging. Avoid breathing dust. Use only outdoors or with adequate ventilation. Do not eat, drink or smoke when using this product.

RESPONSE: Absorb spillage to prevent material-damage. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical help. IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately. Specific treatment (see

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First Aid section). IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.

STORAGE:..... Store locked up. Store in a corrosion resistant container with a resistant inner liner. Store in a well-ventilated place. Keep container tightly closed.

DISPOSAL: Dispose of container and contents in accordance with local regulations.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE / MIXTURE: This product is a substance.

HAZARDOUS COMPONENTS:

INGREDIENT	C.A.S. NUMBER	CONCENTRATION (%)
Sodium metasilicate pentahydrate	10213-79-3	90 – 100

Exact percentages, chemical names and/or C.A.S. numbers of ingredients are being withheld as trade secret information per OSHA Hazard Communication Standard 29CFR 1910.1200. Remaining components are nonhazardous and/or present at amounts below reportable limits. This information will be disclosed as necessary to authorized individuals.

4 – FIRST-AID MEASURES

BREATHING (INHALATION): .. Maintain adequate ventilation of work area. If signs of discomfort or irritation occur, remove to fresh air. If burns occur or symptoms persist, get immediate medical attention!

SWALLOWING (INGESTION):.. DO NOT INDUCE VOMITING! Rinse mouth, then drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. Apply ice compresses and get immediate emergency medical attention by an eye specialist! It may be necessary to bring person to a hospital emergency room.

SKIN (DERMAL): Immediately take off all contaminated clothing. Flush from skin with large quantity of fresh water for several minutes. If burns occur or irritation persists, get immediate medical attention! Wash contaminated clothing before reuse.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT:..... This product is non-flammable.

EXTINGUISHING MEDIA: Use extinguishing media suitable for materials already burning.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

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6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:..... Powder may be picked up and reused or recycled. Dike and absorb any form of spillage to prevent release into streams or sewer systems, as well as material-damage. Consult local, state and federal authorities.

WASTE DISPOSAL: As recommended by local, state and federal authorities.

7 – HANDLING and STORAGE

STORAGE:..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Store locked up and keep container tightly closed when not in use. Keep product in original packaging or in a corrosion resistant container. Do NOT store this product in an unmarked container.

HANDLING:..... Maintain adequate ventilation of work area. Wear eye, face and skin protection. Do not breathe product dust. Do NOT eat, drink or smoke when using this product. Do NOT transfer this product to an unmarked container. Spilled material is slippery. Keep out of reach of children.

ATTENTION: Do NOT reuse empty container. Empty containers retain vapor and product residue, which can be dangerous.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING:..... Nitrile or PVC gloves, chemical splash goggles, protective outerwear and boots.

ADDITIONAL MEASURES:..... Selection of the appropriate PPE should be based on a safety evaluation of the workplace—relative to the task(s) to be performed and the performance characteristics of the PPE. Under normal use according to label instructions, wear safety glasses with side shields (or goggles), nitrile gloves and full-coverage clothing. Face shields, chemical resistant coverings, and a full-face respirator can be used for improved protection and safety, when prolonged or repeated exposure to chemicals is likely. Keep out of reach of children.

CONTROL PARAMETERS: If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Sodium metasilicate pentahydrate	10213-79-3	15 mg/m ³ (Total dust), 5 mg/m ³ (Respirable fraction)

* When OSHA 8-hour TWA; STEL (ST); and Ceiling (C) PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such. All

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inert or nuisance dusts not listed specifically will covered by the Particulates Not Otherwise Regulated (PNOR) limit.

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: White, powdered granules with no odor.
ODOR THRESHOLD: N/A
pH: 12.0 – 13.0 (1% solution)
MELTING POINT: N/A
FREEZING POINT: N/A
BOILING POINT: N/A
BOILING POINT RANGE: N/A
FLASHPOINT: This product is non-flammable.
EVAPORATION RATE: N/A
FLAMMABILITY (solid/gas): ... N/A
EXPLOSION LIMITS: N/A
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: N/A
SOLUBILITY IN WATER: Completely soluble.
PARTITION COEFFICIENT: N/A
AUTO-IGNITION TEMPERATURE: N/A
DECOMPOSITION TEMPERATURE: N/A
VISCOSITY: N/A

10 – STABILITY and REACTIVITY

STABILITY: This product is hygroscopic. Otherwise, stable under normal conditions.
INCOMPATIBILITY: Do not mix with acids other chemicals. Not compatible with aluminum, zinc, tin and their alloys.
HAZARDOUS DECOMPOSITION: Sodium oxides, silicon oxides, hydrogen gas.
HAZARDOUS POLYMERIZATION: This product is not known to polymerize.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Absorption through eyes and skin. Ingestion. Inhalation.
LISTED CARCINOGEN: There are no chemicals that comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis and asthma.
INHALATION: This product can cause irritation, burns or other damage to the mouth, nose and respiratory tract if inhaled. Symptoms include coughing, choking and pain.
INGESTION: This product can be harmful if swallowed; and can cause irritation, burns or other damage to the mouth, esophagus and stomach, if swallowed. Symptoms include vomiting, nausea, diarrhea and pain.

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EYES:..... This product can cause severe irritation, redness, burns, blindness or other permanent damage if not immediately flushed from eyes. Symptoms include blurred vision and pain.

SKIN (DERMAL): This product can cause severe irritation, redness and burns if not immediately flushed from skin. Symptoms include swelling, blister formation and pain.

ACUTE TOXICITY* (ORAL):>1,000 mg/kg

ACUTE TOXICITY* (DERMAL):>5,000 mg/kg

ACUTE TOXICITY* (INHALATION):>20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

**The Acute Toxicity Estimate (ATE) values for this product were determined using LD₅₀ and LC₅₀ data where available.*

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

14 – TRANSPORTATION INFORMATION

U.S. DOT:

PROPER SHIPPING NAME: Disodium trioxosilicate

HAZARD CLASS: 8

UN/NA NUMBER: UN 3253

PACKING GROUP:..... III

IMDG:

PROPER SHIPPING NAME: DISODIUM TRIOXOSILICATE

HAZARD CLASS: 8

UN NUMBER:..... UN 3253

PACKING GROUP:..... III

MARINE POLLUTANT: No

IATA:

PROPER SHIPPING NAME: Disodium trioxosilicate

HAZARD CLASS: 8

UN NUMBER:..... UN 3253

PACKING GROUP:..... III

15 – REGULATIONS

Contents of this SDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200.

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CALIFORNIA PROPOSITION 65:This product does not contain chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm.

16 – OTHER INFORMATION

NFPA:
HEALTH: 3
FLAMMABILITY:..... 0
REACTIVITY: 1
OTHER: Alkali

ADDITIONAL: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

REVISION DATE:..... 09/18/2025