
MATERIAL SAFETY DATA SHEET
Green Science 0-0-30 + 30% Ca (Product 908)

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Green Science 0-0-30
MANUFACTURER: Wommack's Hardwood Farms, LLC dba Green Science Technology
4598 Highway H
Silex, MO 63377
TELEPHONE: (573) 384-6300
FAX: (573) 384.6305
SUPPLIER: Compass Minerals, 9900 West 109th Street, Suite 600, Overland Park, KS 66210
TELEPHONE: (913) 344-9200
24-HOUR EMERGENCY: (913) 344-9200
MANUFACTURER: Refer to supplier
MATERIAL USES: Fertilizer; Industrial applications

SECTION II. INGREDIENT INFORMATION

Hazardous Component of Mixture	CAS Number	Total Dust	Exposure Limit (mg/m³ Respirable fraction)
Calcium carbonate	471-34-1	15	5
Calcium hydroxide	1305-62-0	15	5
Calcium oxide	1305-78-8	5	N/A
Calcium silicate	1344-95-2	15	5
Calcium sulfate	7778-18-9	15	5
Sulfate of potash	7778-80-5	15	5

SECTION III. HAZARDS IDENTIFICATION

POTENTIAL ACUTE HEALTH EFFECTS: As shipped this product does not present special health hazards. Conditions and work practices which generate dust or fumes should be avoided or controlled. Dust from this product is considered a "nuisance" dust and may cause irritation to skin, eyes and respiratory tract.

POTENTIAL CHRONIC HEALTH EFFECTS: Inhalation of dust may aggravate asthma.

CARCINOGENIC EFFECTS: Not applicable.

TERATOGENIC EFFECTS: Not applicable.

MUTAGENIC EFFECTS: Not applicable.

REPRODUCTION EFFECTS: Not applicable.

Hazard Rating:

Health 1
Flammability 0
Reactivity 0

Key:

Insignificant 0
Slight 1
Moderate 2
High 3
Very High 4

SECTION IV. FIRST AID MEASURES

EYE CONTACT: Check for and remove any contact lenses. Immediately flush eyes thoroughly with copious amounts of running water, holding eyelids open, for at least 20 minutes. If discomfort or irritation persists, seek medical attention.

SKIN CONTACT: Wash exposed area thoroughly with soap or mild detergent and copious amounts of running water. If irritation persists, seek medical attention. Prolonged contact may cause skin irritation and rashes to susceptible individuals.

INHALATION: Remove from exposure area to a ventilated area. If breathing discomfort persists, seek medical attention. Dust may cause irritation to mucous membranes, upper respiratory tract and lungs.

INGESTION: Drink water. Do not induce vomiting or give a liquid to an unconscious person. Seek medical attention. Acts as a common salt. Large quantities may cause irritation to the gastro-intestinal tract, with nausea, vomiting, epigastric distress, abdominal discomfort and diarrhea.

SECTION V. FIRE AND EXPLOSION DATA

THE PRODUCT IS: Non-flammable.

AUTO-IGNITION TEMPERATURE: Not applicable.

FLASH POINT: Not applicable.

FLAMMABLE LIMITS (LEL, UEL): Not applicable.

PRODUCTS OF COMBUSTION: Not applicable.

FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: Not applicable.

EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: Not applicable.

RISK OF EXPLOSION OF THE PRODUCT IN THE PRESENCE OF MECHANICAL IMPACT: Not applicable.

RISK OF EXPLOSION OF THE PRODUCT IN THE PRESENCE OF STATIC DISCHARGE: Not applicable.

FIRE FIGHTING MEDIA AND INSTRUCTIONS: Not applicable.

SPECIAL REMARKS ON FIRE HAZARDS: No acute hazard. Avoid breathing vapors or fumes.

SPECIAL REMARKS ON EXPLOSION HAZARDS: Not applicable.

SECTION VI. ACCIDENTAL RELEASE MEASURES

SPILL: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Wash area with water; however, avoid contaminating surface water, waterways or sewers leading to surface water. Will damage vegetation if applied in excess.

SECTION VII. HANDLING AND STORAGE

PRECAUTIONS: DO NOT ingest. DO NOT breathe dust. Avoid generating dust during handling promote personal hygiene among workers.

STORAGE: Store in a cool, dry location in either the original product packaging or a sealed container. Do not cross contaminate with other pesticides, fertilizers, human food or animal feed. Store this product out of reach of children and animals, preferably in a locked area.

SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT: Consult local authorities for acceptable exposure limits.

VENTILATION: Provide general and local ventilation as necessary to maintain dust levels below the exposure limit.

CLOTHING: Wear appropriate clothing to prevent repeated or prolonged skin contact. Gloves are recommended.

EYE PROTECTION: Use safety glasses or goggles to prevent eye contact. An eye wash station should be available for emergency use. Wearing of contact lenses is not recommended when working with the product.

RESPIRATORY PROTECTION: Provide respiratory protection (dust mask or dust respirator) for conditions of use where exposure to dust is apparent. For emergencies, a self-contained breathing apparatus may be necessary.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE AND APPEARANCE: Solid

ODOR: Odorless.

pH (5% soln/water): 7.5-8.5.

COLOR: Light Brown to Brown.

BOILING POINT: 100 deg C (212 deg F)

MELTING POINT: Not Available.

CRITICAL TEMPERATURE: Not Available.

VAPOR PRESSURE: Not available.

VAPOR DENSITY: Not available.

VOLATILITY: Not available.

ODOR THRESHOLD: Not available.

WATER/OIL DIST. COEFF: Not available.

IONICITY (In Water): Not available.

DISPERSION PROPERTIES: See solubility in water.

SOLUBILITY: Soluble.

SECTION X. STABILITY AND REACTIVITY DATA

STABILITY: The product is stable.

INSTABILITY TEMPERATURE: Not applicable.

CONDITIONS OF INSTABILITY: Excessive heat; product will absorb moisture above sixty percent relative humidity.

INCOMPATIBILITY WITH VARIOUS SUBSTANCES: Avoid contact with strong inorganic acids and intense heat.

SPECIAL REMARKS ON REACTIVITY: No additional remarks.

SPECIAL REMARKS ON CORROSIVITY: No additional remarks.

SECTION XI. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Ingestion, Inhalation.

TOXICITY TO ANIMALS: ORAL (LD50): 383 mg/kg (mouse), 2500 mg/kg (Guinea Pig), 2600 mg/kg (Rat)

ORAL (LDLO) 2430 mg/kg (rat)

EYE: (severe): 500 mg/24 hr. (Rabbit)

CHRONIC EFFECTS ON HUMANS:

CARCINOGENIC EFFECTS: Not applicable.

TERATOGENIC EFFECTS: Not applicable.

MUTAGENIC EFFECTS: Not applicable.

REPRODUCTION EFFECTS: Not applicable.

OTHER TOXIC EFFECTS ON HUMANS: As shipped this product does not present special health hazards. Conditions and work practices which generate dust or fumes should be avoided or controlled. Dust from this product is considered a "nuisance" dust and may cause irritation to skin, eyes and respiratory tract.

SPECIAL REMARKS ON TOXICITY TO ANIMALS: No additional remarks.

SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS: No additional remarks.

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICITY: Not applicable.

BOD5 AND COD: Not applicable.

PRODUCTS OF BIODEGRADATION: Not applicable.

TOXICITY OF THE PRODUCTS OF BIODEGRADATION: Not applicable.

SPECIAL REMARKS ON ENVIRONMENT: Keeps out of bodies of water. Concentrations of Ingredients may be toxic to aquatic organisms.

SECTION XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Recycle to process if possible. Dispose of waste in compliance with local or regional regulations. Do not reuse product container. Dispose of waste in compliance with local or regional regulations.

SECTION XIV. TRANSPORT INFORMATION

TDG CLASSIFICATION: Not controlled under TDG (Canada).

PIN: Not applicable (PIN and PG).

SPECIAL PROVISIONS FOR TRANSPORT: Not applicable.

SECTION XV. OTHER REGULATORY INFORMATION

OTHER REGULATIONS: The product is not listed as a dangerous or hazardous material.

OTHER CLASSIFICATIONS:

WHMIS (CDN): Not controlled under WHMIS (Canada).

HCS (USA): Not controlled under the HCS (United States).

DSCL (EEC): Not controlled under DSCL (Europe).

SECTION XVI. OTHER INFORMATION

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