

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted
for specific requirements.

U.S Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

DuraTurf Weed & Feed 16-00-08

ID #2284014

Date: July 26, 2011

Section I

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

(800) 424-9300
(315) 736-8231

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Nitrogen				24%
Potash (Soluble)				8%
Isooctyl (2-ethylhexyl) Ester of 2,4-,Dichlorophenoxyacetic Acid				1.346%
2,4-,Dichlorophenoxyacetic Acid				.182%
Dicamba (3,6-Dichloro-o-Anisic Acid)				.090%
Crystalline Silica (quartz) 14808-60-7	.1 mg/m ³	.1 mg/m ³		

EMERGENCY OVERVIEW:

CAUTION: May causes eye irritation. May causes skin irritation and/or sensitization. May cause gastrointestinal irritation. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing launder separately. Over exposure may cause nausea, vomiting and/or abdominal pain.

Section III –First Aid

EMERGENCY AND FIRST AID PROCEDURES:

If Swallowed – Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If in 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. Call a poison control center or doctor for treatment advice.

If on Skin – Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

Other Health Warnings:

Fertilizers may aggravate existing skin irritation or lesions, cuts or scrapes. Asthma or pulmonary disease may be aggravated by inhalation of dust. Chronic: Prolonged or repeated exposure may cause liver and thyroid effects.

Section IV - Fire and Explosion Data

FLASHPOINT: Not flammable

FLAMMABLE LIMITS: NA

EXTINGUISHING MEDIA: Use water, carbon dioxide, dry chemical or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section V – Accidental Release Measures

SPILL OR LEAK: Isolate and contain spill. Remove unauthorized persons from spill area. Do not walk through spilled materials. Wear suitable protective gear. Carefully sweep or scoop spilled material and place in closed, labeled containers for use or disposal. Scrub contaminated surfaces with detergent and water, and collect wash water solution for proper disposal according to label directions. Do not allow spilled material to enter streams, sewers or other waters. Wear appropriate protective equipment when handling.

Section VI - Personal Protection & Exposure Controls

EYE PROTECTION: good safety practice suggests to prevent contact with eyes by wearing safety glasses or goggles or shield.

SKIN PROTECTION: Long sleeves, work gloves or impervious gloves. Avoid skin contact. If prolonged exposure cannot be avoided, wear impervious gloves. Launder contaminated clothing separately.

RESPIRATORY PROTECTION (Specify type): Not normally required. If vapors may exceed acceptable levels, wear MSHA/NIOSH-approved respirator or mask to protect against pesticide dusts, mists and vapors.

VENTILATION: Local exhaust ventilation preferred

MECHANICAL (General): Not normally required. Use if ventilation is not adequate.

OTHER: Work in a well-ventilated area Product intended for OUTSIDE use only.

OTHER PROTECTIVE EQUIPMENT: Practice good hygiene- always wash thoroughly before eating, drinking or smoking. Wash clothing separate from other laundry before reuse.

Section VII - Physical/Chemical Ingredients

APPEARANCE AND ODOR: Multi-colored granules, with characteristic fertilizer odor

PHYSICAL FORM: Granulars BOILING POINT: NA

pH: NA BULK DENSITY: NA

SOLUBILITY IN WATER: partially soluble VISCOSITY: Free flowing granulars

Section VIII – Stability & Reactivity Data

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Strong Oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce CO, CO₂, NO_x, or sulfur compounds. Product is stable and hazardous polymerization will not occur.

Section IX - Toxicology Information

ROUTES OF ENTRY: Ingestion, inhalation, eyes and skin contact.

SIGNS & SYMPTOMS OF OVER EXPOSURE:

EYES: Acute- Mild, reversible irritation to the eye. Chronic- None reported.

SKIN: Acute-May cause mechanical irritation. Chronic- None reported.

INHALATION: Acute- May irritate nose, throat and upper respiratory tract.

Chronic- Excessive inhalation of crystalline silica may cause lung injury.

INGESTION: Acute- May cause gastrointestinal irritation, including nausea, vomiting, cramps and diarrhea. No specific symptoms of over exposure to the herbicide active ingredients are known to occur.

Chronic: None Reported.

Section X- Precautions for Safe Handling/Use

HANDLING AND STORAGE: Store in a cool, dry place away from children, domestic animals, food and feed products. Do not take internally. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills, which occur during handling and storage. Wash thoroughly after handling. Keep out of the reach of children.

OTHER PRECAUTIONS: Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label. Product intended for OUTSIDE use only.

Section XI - Environmental and Disposal Information

SPILL OR LEAK PROCEDURES: Contain spill; absorb liquids by covering with clay or other absorbent material; vacuum, scoop or sweep up wastes and place in container for disposal.

WASTE DISPOSAL METHOD: Material, which cannot be used at the site, should be disposed of in an approved waste disposal facility following all applicable Federal, State and local regulations. Triple rinse empty containers and offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary landfill. Do not contaminate water supplies by disposal of wastes or containers.

Section XII - Transportation Information

This product is not regulated U.S. DOT for all modes of transportation within the U.S.

KEEP OUT OF REACH OF CHILDREN

NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

ABBREVIATION KEY

N/A: NOT AVAILABLE OR APPLICABLE N/E: NOT ESTABLISHED ND: Not Determined

TLV: THRESHOLD LIMIT VALUE TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT D.O.T.: DEPARTMENT OF TRANSPORTATION

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