

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) Bonide KleenUp Weed & Grass Killer RTU

ID # 4483
Date: September 4, 2011

Section I

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

(315) 736-8231

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH	TLV	Other Limits	% (Optional)
Glyphosate CAS#38641-94-0					1.92%

Emergency Overview: CAUTION - EYES: Avoid contact with eyes: Moderate irritation with reversible corneal injury. May be Harmful if swallowed, this product may cause gastrointestinal tract irritation.

Section III - First Aid Measures:

EYES: Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. No additional first aid should be necessary. However, if irritation persists, see a doctor.

SKIN: Mild to slight irritation at 72 hours. This substance is not expected to cause significant or prolonged skin irritation. If absorbed through the skin, this substance is considered practically non-toxic to internal organs.

As a precaution, wash skin thoroughly with soap and water.

INGESTION: DO NOT make person vomit unless directed to do so by medical personnel. Have person sip water if able to swallow. If irritation persists contact a medical Doctor.

INHALATION: If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.

Section IV – Fire-fighting Measures

FLASH POINT (Specify Method - C): >212°F, TAG CC Aqueous Water Base

FIRE EXTINGUISHING MEDIA: Water spray, dry chemical.

FLAMMABLE LIMITS (Percent by Volume): No data available carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: This material will not burn. Smoke from fires involving this material may present unusual hazards. Avoid breathing smoke and mists. Avoid contact with fallout and runoff. Minimize the amount of water used for fire fighting. Do not enter any enclosed area without full protective equipment, including self-contained breathing equipment. Contain and isolate runoff and debris for proper disposal. Read the entire document.

NFPA HAZARD RATING: [0 Least, 1 Slight, 2 Moderate, 3 High, 4 Severe]

1 Health

0 Flammability

0 Reactivity

Section V – Accidental Release Measures

Steps to be taken in case material is released or spilled:

SMALL SPILL: Soak up spilled material with paper towels and discard in trash.

LARGE SPILL: Liquid spills on floor or other impervious surfaces should be contained or diked, and should be absorbed with attapulgate, bentonite or other absorbent clays. Collect contaminated absorbent, place in plastic-lined metal drum and dispose of in accordance with instructions provided under Section V. Thoroughly scrub floor or other impervious surface with a strong industrial type detergent solution and rinse with water. For liquid spills that soak into the ground, contact the applicable Federal, State and or County Health Dept. for disposal recommendations. If disposal is required then refer to Section XI for instructions. Any recovered spilled liquid should be similarly collected and disposed of. Do not contaminate water, foodstuffs, or feed by storage or disposal.

Section VI– Handling & Storage

HANDLING AND STORAGE: GENERAL PROCEDURES: Keep pesticide in original container. Store in a secure, preferably locked, storage area. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing protective clothing. Practice good hygiene, wash thoroughly with soap and water after handling. Remove contaminated clothing and launder separately. Keep away from children.

Protect container from freezing.

STORAGE TEMPERATURE: Do not store below 32 degrees Fahrenheit.

ABBREVIATION KEY

N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

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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Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.