

MATERIAL SAFETY DATA SHEET

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In Case of Emergency, Call
Sipcam Agro USA: 770-587-1032
CHEMTREC: 800-424-9300

I. PRODUCT IDENTIFICATION

Product Name: Cavalcade™ 65WDG
Active ingredient: Prodiamine (65%)
Active Ingredient IUPAC name: 5-propylamino- α - α - α -trifluoro-4,6-dinitro-o-toluidine

II. HAZARDOUS INGREDIENTS

The substances listed below are those identified as hazardous chemicals under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<u>Component</u>	<u>CAS No.</u>
Prodiamine	29091-21-2

Exposure Limits:

ACGIH-TLV: Not Established

OSHA-PEL: Not Established

III. TRANSPORTATION & REGULATORY INFORMATION

This product is regulated for transportation purposes as follows:

<i>MODE</i>	<i>BULK (> 400 Kg {882 lb})</i>	<i>NON-BULK (< 400 Kg {882 lb})</i>
IMO (Water):	Yes	Yes
DOT (Land):	Yes	No

BOL Description: Environmentally Hazardous Substance,
Solid, N.O.S. (Prodiamine 65%)
Class 9, UN 3077, PG III, Marine Pollutant

Freight Classification: Weed killing compound
NMFC 50320-02 Class 60

SARA TITLE III INFORMATION

§312 Hazards Classification: Acute and Chronic Health (See Section V for Health Hazard Information)

§313 Inventory Ingredients: None

California Proposition 65: Not applicable

CERCLA reportable quantity: None

RCRA classification: Not applicable

TSCA status: Exempt

IV. PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: *N/A (decomposes at 240° C)

Melting Point: *122.5-124° C

Freezing Point: N/A (solid)

Specific gravity: *1.47 @ 25° C

Vapor Pressure: *0.0033 mPa @ 25° C

Solubility in H₂O: *0.013 ppm @ 25° C

% Volatiles by Volume: N/A

Appearance: *Yellow solid

VI. REACTIVITY DATA

<u>Stability:</u>	Under normal use conditions, this product is stable.
<u>Incompatibility:</u>	Not known.
<u>Hazardous Decomposition Products:</u>	None known.
<u>Hazardous Polymerization:</u>	Material not known to polymerize.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken If Material Is Released Or Spilled:

Wear chemical safety glasses with side shields or chemical goggles, rubber gloves, rubber boots, long-sleeved shirt, long pants, head covering and a NIOSH-approved chemical cartridge respirator with organic vapor cartridges and pesticide pre-cartridges, or a self-contained breathing apparatus. Cover spill area with an absorbent material such as pet litter. Sweep up and place in an approved container for pesticide disposal. Wash the spill area with water containing a strong detergent, absorb wash water with pet litter or other absorbent material, sweep up and place in disposal container. Seal the container before shipping for disposal.

Waste Disposal Method:

Waste portions of this product and contaminated absorbent materials may be disposed of by incineration provided the following conditions are observed:

Incinerate in a suitable oven fed by a mixture of air and methane, at 1100-1200° C temperature

VIII. INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation Requirements

Good industrial hygiene practice dictates that indoor work areas be isolated and provided with adequate local exhaust ventilation. Work upwind in out-of-doors batch operations.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

EYE: Safety glasses, goggles, or face shields.

GLOVES: Chemical-resistant gloves.

OTHER CLOTHING AND EQUIPMENT

Protective clothing consisting of long sleeve shirt, long pants, socks and shoes should be worn when handling this product. Persons exposed routinely to this material should shower prior to leaving work each day. Safety shower and eye-wash stations should be provided in all areas in which this product is stored and/or handled. Clothing should be changed at least daily and washed thoroughly before re-using.

* Denotes data pertaining to the technical grade active ingredient