

MSDS by MSDS Number

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Univar USA
6100 Carillon Point
Kirkland WA 98033
425-889-3400

For Emergency Assistance involving chemicals call – CHEMTREC (800) 424-9300

MSDS Number:P23023VS MSDS Version:001

001 06/29/99 BONIDE LIQUID WEED & FEED

PRODUCT IDENTIFICATION

PRODUCT NAME: BONIDE LIQUID WEED & FEED

MSDS#: P23023VS

DATE ISSUED: 9/22/98

SUPERSEDES: NEW

ISSUED BY: 004126

Material Safety Data Sheet U.S. Department of Labor
May be used to comply with Occupational Safety and Health Administration
OSHA's Hazard Communication Standard, (Non-Mandatory Form)
29 CFR 1910.1200. Standard must be consulted Form Approved
for specific requirements. OMB No. 1218-0072
IDENTITY (As Used on Label and List)
BONIDE LIQUID WEED & FEED
Date: Sept. 22, 1998
Section I

Bonide Products, Inc. (800) 424-9300
2 Wurz Ave. (315)736-8231
Yorkville, NY 13495
Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical OSHA PEL ACGIH TLV Other Limits %
Identity: Common Name(s) (Optional)
Dimethylamine Salts of:
2,4-Dichlorophenoxyacetic Acid
2-(2,4-Dichlorophenoxy) propionic Acid
2-(2-Methyl-4-Chlorophenoxy) propionic Acid
EQUIVALENT TO:
2,4-D .13 lbs./gal. 10 Mg/M3 1.35
2,4-DP .13 lbs./gal. N.A. 1.35
MCPP .13 lbs./gal. N.A. 1.35

Section III - Physical/Chemical Ingredients

BOILING POINT: 210 degrees SPECIFIC GRAVITY: (H2O=1): 1.100
VAPOR PRESSURE: N.A. MELTING POINT: N.A.
VAPOR DENSITY (AIR=1): N.A. EVAPORATION RATE (Butyl Acetate=1): N.A.
SOLUBILITY IN WATER: 100% APPEARANCE AND ODOR: Amber Liquid, Slight Amine Odor

Section IV - Fire and Explosion Data

FLASH POINT(Method Used): None aqueous solution

FLAMMABLE LIMITS: N.A.

EXTINGUISHING MEDIA: Dry chemical C02 Foam. Water will dilute and spread product.

SPECIAL FIRE FIGHTING PROCEDURES: Water spray to cool. Foam, C02, Dry chemical to extinguish. Use self-contained breathing apparatus in confined areas and with intense heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None
Section V - Reactivity Data

CONDITIONS TO AVOID: None
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY: None
STABILITY: Stable
Section VI - Health Hazard Information

ROUTES OF ENTRY:
INHALATION: Very Low vapor toxicity SKIN: Low toxicity INGESTION: Low toxicity
HEALTH HAZARDS(Acute and Chronic): EYE: Minimal eye irritation. SKIN: Does not cause skin irritation. Not a sensitizer. INGESTION: Moderate to Low oral toxicity. LD 50 greater than 5.0 g/Kg.
CARCINOGENICITY: NTP: No. ARC MONOGRAPHS: No OSHA Regulated: No
SIGNS AND SYMPTOMS OF EXPOSURE: No symptoms determined.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No medical conditions determined.
EMERGENCY AND FIRST AID PROCEDURES: Flush eyes or skin repeatedly with water. For ingestion, drink promptly milk, egg whites, gelatin solution or large quantities of water.

For Additional Information:
Contact: MSDS Coordinator – Univar USA
During business hours, Pacific Time – (425) 889-3400

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