



Product: WIPE-OUT® RTU
 EPA Reg. No.: 2217-537-869
 Effective Date: 06/17/2002

MATERIAL SAFETY DATA SHEET
 Emergency Phone 800/535-5053

Size **Product Number** **UPC Code**
 Quart 50432 0 49424 50432 9

Note: Be sure to compare the EPA registration number as given on the MSDS with the EPA registration number as given on the label as some products have had the active ingredients changed without a corresponding change in the UPC number or in the item description.

1. INGREDIENTS:

Chemical Name	CAS#	%Range	EHs	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid (2,4-D)	2008391	0.60%	N	N	Y	N	N	NI	NI	NI
Dimethylamine salt of R(+)-2-(2-methyl-4-chlorophenoxy) propionic acid (MCP)	66423094	0.14%	N	N	N	N	Y	NI	NI	NI
Dimethylamine salt of 3,6-dichloro-o-anisic acid (Dicamba)	2300665	0.07%	N	N	Y	N	N	NI	NI	NI

2. PHYSICAL DATA:

BOILING POINT: 212°F
 MELTING POINT: Not indicated
 EVAPORATION RATE (Butyl Acetate = 1): Not indicated
 VAPOR PRESSURE: <17@20°C
 VAPOR DENSITY (Air = 1): >1
 SOL. IN WATER: Soluble
 SPECIFIC GRAVITY: 1.00156
 FREEZING POINT: <35°F
 APPEARANCE: Brown liquid
 ODOR: Amine odor

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 122°F
 METHOD USED: Closed cup
 EXTINGUISHING MEDIA: Dry chemical, CO₂, foam, water spray
 FIRE AND EXPLOSION HAZARDS: The low flashpoint of this product is due to a minor component in the mixture. Based on independent laboratory testing of similar products, this product would not sustain combustion as specified in DOT Regulation 49 CFR 173 Appendix H, and, therefore, would not be classified as a combustible liquid..

FIRE-FIGHTING EQUIPMENT/ PROCEDURES: N/A
 UNUSUAL FIRE & EXPLOSION: None indicated
 NFPA RATING: Health: 1
 Flammability: 1
 Reactivity: 0
 Special: B



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4. STABILITY AND REACTIVITY:

STABILITY: Stable
 INCOMPATIBILITY (Materials to Avoid): Acidic materials may ruin product.
 DECOMPOSITION/BY-PRODUCTS: In fire conditions, CO, CO₂, NO_x may be produced.
 HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

Store in original container in a locked storage areas inaccessible to children and pets.
 ENVIRONMENTAL HAZARDS: This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater. Do not contaminate domestic or irrigation waters. Do not apply when weather conditions favor drift from target area.
 PESTICIDE DISPOSAL: Securely wrap container in several layers of newspapers and discard in trash.
 CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

6. ACCIDENTAL RELEASE MEASURES:

See Section 8 for Personal Protective Equipment. Contain spill and collect for reuse or absorb onto inert absorbent such as Dri-Rite, sand or pet litter. Flush area with water, if possible.

7. FIRST AID:

ROUTE(S) OF ENTRY: Contact, inhalation, ingestion
 HEALTH HAZARDS (Acute & Chronic):
 EYES: Contact may cause irritation and burning.
 SKIN: May cause moderate dermal irritation.
 INHALATION: May cause respiratory irritation; burning..
 INGESTION: May irritate gastrointestinal tract.
 CHRONIC: Repeated and prolonged overexposure may cause chronic irritation of respiratory tract.
 SIGN & SYMPTOMS: Burning sensation; coughing
 MEDICAL CONDITIONS GENERALLY AFFECTED BY EXPOSURE: Not indicated.
 EMERGENCY FIRST AID PROCEDURES:
 IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
 IF IN EYES: Flush eyes with plenty of water. Get medical attention.
 OTHER HEALTH WARNINGS: Not indicated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

VENTILATION REQUIREMENTS: Good ventilation is required. Mechanical exhaust may be necessary if product is applied in an enclosed area.
 PERSONAL PROTECTIVE EQUIPMENT (PPE):
 CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear goggles when applying this product. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves.
 After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.



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PROTECTIVE CLOTHING: Wear long sleeves and pants; chemical-resistant gloves and shoes with socks.
EYE PROTECTION: Safety glasses with side shields or safety glasses.
RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

9. HAZARDS IDENTIFICATION:
HAZARD CATEGORY:
HAZARDOUS IDENTIFICATION
INFORMATION:

Acute, chronic.

The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for carcinogenicity in humans.) The US EPA has given the chlorophenoxy herbicides 2,4-D, 2,4-DP, MCPP and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice do not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen.

10. TOXICOLOGICAL INFORMATION:
DERMAL LD50:
INHALATION LC50:
ORAL LD50:

>2,000 mg/kg
>2 mg/l
8,000 mg/kg (male rats) and 10,000 mg/kg (female rats)

11. TRANSPORTATION INFORMATION:

FREIGHT CLASS: Herbicides, NOI, - NMFC #50320
In our current available sizes, this product does not qualify as a Hazardous Material.

12. REGULATORY INFORMATION:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA TITLE III CLASSIFICATION:

Section 302: None
Section 311/312: Immediate Health Hazard; Delayed Health Hazard.
Section 313 chemical(s): Dimethylamine Dicamba CAS# 2300665.

CERCLA REPORTABLE
QUANTITY (RQ):

16,863 pounds of the formulation which contains 100 pounds of Dimethylamine 2,4-D.

RCRA STATUS: When discarded in its purchased form, this product is a listed RCRA hazardous waste and should be managed as a hazardous waste. (40 CFR Part 261.20-24.)

TSCA STATUS: This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

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