



Product: WIPE-OUT₂ CONCENTRATE
EPA Reg. No.: 2217-695-869
Effective Date: 9/1/2007

MATERIAL SAFETY DATA SHEET
Emergency Phone 800/535-5053

Size	Product Number	UPC Code
Quart	12732	0 49424 12732 0
Quart RTS	12740	0 49424 12740 5

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

Dimethylamine salt of (+)-(R) 2-(2-methyl-4-chlorophenoxy) propionic acid	3.33%	CAS No. 66423-09-4
Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	1.91%	CAS No. 2008-39-1
Dimethylamine salt of dicamba 3,6-dichloro-0-anisic acid	0.81%	CAS No. 2300-66-5

2. PHYSICAL DATA

BOILING POINT:	212°F
VAPOR PRESSURE:	<17@20°C
SOL. IN WATER:	Soluble
pH:	7.0 – 8.5
SPECIFIC GRAVITY:	1.015
FREEZING POINT:	<35°F
APPEARANCE:	Liquid
ODOR:	Amine odor

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	112°F
METHOD USED:	Closed cup
FLAMMABLE LIMITS:	None
EXTINGUISHING MEDIA:	Dry chemical, CO ₂ , foam, water spray. The low flash point 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:	Wear positive pressure breathing apparatus and full protective clothing.
NFPA RATINGS:	Health: 1 Fire: 1 Reactivity: 0

4. REACTIVITY DATA

STABILITY:	Stable.
INCOMPATIBILITY (Specific materials to avoid):	Do not mix with acidic materials as this may ruin the product.
DECOMPOSITION/BY-PRODUCTS:	In fire conditions, CO, CO ₂ , Nox may be produced..

5. ENVIRONMENTAL AND DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Do not touch spilled product. Wear hand gloves and protective clothing. Contain spill with Dri-Rite, sand , or pet litter. Collect into drums, cover, label drums for proper disposal. Flush area with water, if possible.



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6. FIRST AID

ROUTES OF ENTRY: Contact, inhalation, ingestion.
HEALTH HAZARDS (ACUTE AND CHRONIC):
EYES: Contact may cause mild to moderate irritation and burning.
SKIN: May cause mild to moderate dermal irritation.
INHALATION: May cause mild to moderate respiratory irritation.
INGESTION: May irritate gastrointestinal tract.
CHRONIC: Repeated and/or prolonged overexposure may cause chronic irritation of respiratory tract. Overexposure may cause adverse effects to liver, kidneys, skin, muscular, and gastrointestinal systems.
SIGN AND SYMPTOMS: Burning sensation; coughing; dizziness.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Asthma or skin lesions may be aggravated by exposure to this product.
EMERGENCY FIRST AID PROCEDURE:
IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
IF IN EYES: Flush contaminating chemicals from eyes with large amounts of clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION REQUIREMENTS: Good local ventilation is required. Mechanical exhaust may be necessary if product is applied in an enclosed area.
PERSONAL PROTECTIVE EQUIPMENT: CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. When mixing, loading, or applying this product, wear long-sleeved shirt, long pants, socks, shoes, rubber gloves and eye protection (face shield, goggles or shielded safety glasses – safety glasses should include front, brow and temple protection). After using this product, rinse gloves thoroughly 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.
PROTECTIVE CLOTHING: Wear long sleeves and pants; chemical-resistant gloves and shoes with socks.
EYE PROTECTION: Safety glasses with side shields or safety goggles.
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.

8. STORAGE AND DISPOSAL

PRECAUTIONS TO BE TAKEN: Keep from freezing. Store in original container in a locked storage area inaccessible to children and pets. Avoid contamination of food or feedstuffs.
PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.
CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.



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9. ECOLOGICAL INFORMATION

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water.

Do not contaminate water when disposing of equipment washwater. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not apply when weather conditions favor drift from target area.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

10. HAZARDS IDENTIFICATION

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 did 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.

11. REGULATORY INFORMATION

OSHA STATUS:	This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA STATUS:	This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.
CERCLA REPORTABLE QUANTITY:	5236 pounds of the formulation which contains 100 pounds of Dimethylamine 2,4-D
SARA TITLE III: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:	None
SECTION 311/312 HAZARD CATEGORIES:	Immediate Health Hazard, Delayed Health Hazard
SECTION 313 TOXIC CHEMICALS:	Dimethylamine dicamba CAS# 2300-66-5
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)

12. TRANSPORTATION INFORMATION

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

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate as of the effective date given above, Green Light makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Green Light's control. Therefore, users are responsible for determining whether under their own operating conditions the product is suitable for their particular use. Users assume all risks of use, handling, and disposal of the product. The publication or use of, or reliance upon, information contained herein does not relate to the use of this product in combination with any other material or in any other process.