

MATERIAL SAFETY DATA SHEET
IMAGE® HERBICIDE YEAR-LONG VEGETATION KILLER

Manufacturer: Ambrands

Address: 2030 Powers Ferry Road, Ste. 500, Atlanta, GA 30339

Emergency Phone: 1-800-265-0761

Transportation Emergency Phone: CHEMTREC: 1-800-424-9300

1. CHEMICAL PRODUCT INFORMATION

Product Name: Image® Herbicide Year-Long Vegetation Killer

Chemical Name/Synonym: Mixture: active ingredient, Dichlobenil: 2,6-Dichlorobenzonitrile

EPA Registration No.: 802-536-73342

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component (chemical, common name)</u>	<u>CAS Number</u>	<u>Weight</u>	<u>Tolerance</u>
Dichlobenil: 2,6-Dichlorobenzonitrile	1194656	2%	<u>EHS/NTP/IARC/ SUB Z/SARA313</u> None established <u>OSHA PEL/ACGIHTLV/ OTHER LIMITS</u> Not Indicated
Quartz	14808607	8.4%	<u>EHS/SARA313</u> None established <u>NTP/IARC/SUBZ</u> Yes <u>OSHAPEL</u> .01 mg/m3 <u>ACGIHTLV</u> .05mg/m3 <u>Other Limits</u> .05mg/m3
Inert Ingredients**		98.0%	

** Other ingredients, which are maintained as trade secrets, are any substances other than an active ingredient contained in this product. Some of these may be hazardous, but their identity is withheld because they are considered trade secrets. The hazards associated with the other ingredients are addressed in this document. Specific information on other ingredients for the management of exposure, spills, or safety assessments can be obtained by a treating physician or nurse by calling (877) 315-9819 (within the United States) or (651-632-6184 (outside the United States at any time.

3. HAZARD INFORMATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS

Acute and Chronic Toxicity (Primary Routes of Exposure): Contact, inhalation and ingestion.

Hazardous Identification Information: Buff color granules; no discernible odor.

SIGNS AND SYMPTOMS OF SYSTEMIC EFFECTS

May cause irritation to eyes, skin, respiratory and gastrointestinal tract, inactivity and sedation.

IMMEDIATE EFFECTS

Eye: May be slightly to moderately irritating.

Skin: May cause dermal irritation.

Ingestion: May irritate gastrointestinal tract.

Inhalation: May cause respiratory irritation.

DELAYED/LONG TERM EFFECTS

CARCINOGENICITY: NTP: No IARC: No OSHA: No

4. FIRST AID MEASURES

Eye: Flush contaminating chemicals from eyes with clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a Poison Control Center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: Have the product container or label with you when calling a poison control center or doctor or going for treatment.

5. FIRE FIGHTING MEASURES

NFPA Rating: Health: 1 Fire: 1 Reactivity: 0

Autoignition: n/a

Flash Point: Not Indicated

Flammability Limits Lower: not indicated Upper: not indicated

(% of Volume in air): Product contains > 99% water

Extinguishing Media: Use water, foam, carbon dioxide, or dry chemical.

Special Protective Equipment: Wear positive pressure breathing apparatus and full fire fighting protective clothing.

Fire Fighting Procedures: Keep upwind. Isolate hazard area. Avoid inhalation of smoke and fumes. Use water or foam to reduce fumes. Do not touch spilled material. If possible, move containers from area. Extinguish only if flow can be stopped. Use flooding amounts of water as a fog. Cool containers with flooding amounts of water from as far a distance as possible. Avoid breathing vapors.

Unusual Fire/Explosion Hazards: Burning product may produce irritating or poisonous gases. Runoff from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

6. ACCIDENTAL RELEASE MEASURES

Observe precautions in Section 8: Personal Protection

Stop the source of the spill if safe to do so. Contain the spill to prevent further contamination of the soil, surface water, or ground water.

GENERAL & DISPOSAL: Use proper protective equipment to minimize personal exposure. Take all necessary action to prevent and to remedy the adverse effect of the spill. Ensure that the disposal is in compliance with all Federal, Provincial, and local regulations (see Section 13 for applicable RCRA number). Refer to Section 15 for applicable Reportable Quantity (RQ) and other regulatory requirements.

LAND SPILL OR LEAK:

Containment: Contain spill and collect for reuse or disposal. Collect into drums; cover and label drums for reuse or proper disposal.

Cleanup: Flush area with water if possible. Do not allow water to contaminate water suppliers or sewers.

7. HANDLING AND STORAGE

Handling: Harmful if swallowed or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wear protective clothing including rubber gloves when handling.

Storage: Store product in original container only and in a locked storage area out of reach of children and domestic animals. Do not contaminate water, food, or feed by storage or disposal.

8. EXPOSURE CONTROL / PERSONAL MEASURES

Eye Protection: Safety glasses with side shields or safety goggles.

Ventilation: Good local ventilation is required. Mechanical exhaust may be necessary if product is applied in an enclosed area.

Skin Protection: Wear long sleeves and pants, chemical-resistant gloves and shoes with socks.

Other/General Protection: Avoid contamination of feed and foodstuffs. 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. Immediately following application, thoroughly water-in granules. Do not apply this product in a way that will contact any person or pets, either directly or through drift. Keep people and pets out of the area during application.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Buff color granules-no odor

Boiling Point: Not indicated

Melting Point: Not indicated

Vapor Pressure (mm Hg): Not indicated

Vapor Density (Air = 1): Not indicated

Density/Bulk Density/ 33-35 lb/cuft

Specific Gravity:

Solubility: Very slightly soluble in water

Evaporation Rate: Not indicated

pH: Not indicated

Viscosity: Not indicated

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility w/ Other Materials:	Extreme heat causes Dichlobenil to sublime or evaporate
Decomposition Products:	None known
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Oral LD50 Toxicity:	>3160 mg/kg body weight
Dermal LD50 Toxicity:	>1350 mg/kg body weight

12. ECOLOGICAL INFORMATION

Do not apply directly to lakes, ponds, or streams. Do not contaminate water when disposing of equipment washwater. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not allow spray to drift onto nontarget crops or vegetation.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If partly filled: Call you local solid waste agency for disposal instruction. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke. Do not reuse container.

RCRA INFORMATION:

RCRA HAZARDOUS WASTE INGREDIENTS: RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

14. TRANSPORT INFORMATION

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

FREIGHT CLASS: Herbicides, NOI – NMFC#50320

D.O.T. PROPER SHIPPING NAME: Not DOT Regulated

RQ: NA

D.O.T. HAZARD CLASS: NA

U.N./N.A. NUMBER: NA

REMARKS: In our current available sizes, this product does not qualify as a Hazardous Material

EXEMPTION REQUIREMENT: NA

15. REGULATORY INFORMATION

REGULATIONS UNDER FIFRA: All pesticides are governed under FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act). Therefore, the regulations presented below are pertinent only when handled outside of the normal use and applications of pesticides. This includes waste streams resulting from manufacturing/formulation facilities, spills or misuse of products, and storage of large quantities of products containing hazardous or extremely hazardous substances.

U.S. FEDERAL REGULATORY INFORMATION

EPA Registration Number: 802-536-73342

OTHER U.S. FEDERAL REGULATIONS:

SARA Title III: Section 302 Extremely Hazardous Substances: None
Section 311/312 Hazard Categories: Immediate Health Hazard: Yes
Section 313 Toxic Chemicals: None
Chronic Health Effects: No
Fire Hazard: No
Sudden Release of Pressure: No
Reactivity Hazard: No

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: 2500 pounds of the formulation which contains 100 pounds of Dichlobenil.

16. OTHER INFORMATION

REASON FOR ISSUE: Initial MSDS
REVISION NUMBER: 001
REVISION DATE: 08/01/2007
EPA REGISTRY NUMBER: 802-536-73342

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