

**IVORYCHEM PTE LIMITED**

15 Beach Road #02-09, Beach Centre
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Tel: +65 – 6337 7765
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Email: contact@ivorychem.com
Web: www.ivorychem.com
Co. Registration No. 200405572W
GST Registration No. 200405572W

MATERIAL SAFETY DATA SHEET**DESTROYER 480 HERBICIDE**

Version: Global
Date Approved: 08/13/1998
Revision No: 1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DESTROYER® 480 HERBICIDE
ACTIVE INGREDIENT: DICAMBA
CHEMICAL FAMILY: NA
CHEMICAL NAME OF ACTIVE INGREDIENT(S): Dimethylamine salt of dicamba
MOLECULAR FORMULA: C₈H₆Cl₂O₃ – C₂H₇N
SYNONYMS:

MANUFACTURER

IVORYCHEM PTE LTD
15 Beach Road, #02-09
Beach Centre
Singapore 189677
Tel: +65 63377765
Fax: +65 63377730

Emergency Telephone Numbers:

Emergency Phone contact@ivorychem.com (Please refer local label for Emergency Numbers in your region).

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Wt.%	PEL/TLV	EC No.	EC Class
Dicamba	1918-00-9	48	None	None	None
Other ingredients	-	52	None	None	None

HAZARDS IDENTIFICATION**FIRST AID MEASURES**

Have the product container, label or Material Safety Data Sheet with you when calling a poison control center or doctor, or going for treatment.

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 after calling a poison control center or doctor. Do not give anything by mouth to an unconscious



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person.

EYE CONTACT: If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN CONTACT: If on skin or clothing: 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.

INHALATION: no specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

NOTE TO PHYSICIAN: Treatment is symptomatic. For ingestion, lavage stomach with tap water. Instill 30 gm activated charcoal in 3-4 oz of water. Catharsis with 15 gm sulfate in 6-8 oz water.

FIRE FIGHTING MEASURES

FLASH POINT: Does not flash

FLAMMABLE LIMITS (LFL – UFL): NA

FIRE AND EXPLOSION HAZARD: Combustion may yield steam, dicamba amine salt, hydrogen chloride, organochlorine products, oxides of nitrogen, carbon monoxide

IN CASE OF FIRE

Use water, dry chemical, foam or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated.

ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak

Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions outlined in Section 8. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent (e.g. commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition

HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

EXPOSURE CONTROLS / PERSONAL PROTECTION

INGESTION: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after

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handling.

EYE CONTACT: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

SKIN CONTACT: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

INHALATION: A respirator is not normally required when handling this substance. Use effective engineering controls to comply with occupational exposure limits.

In case of emergency spills, use a NIOSH approved respirator with any N, R, P or HE filter.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light tan granule

ODOR: None

SPECIFIC gravity/DENSITY: 45 lb/cu ft. 0.53 g/ml

pH: 3.9 (1% dispersion in water)

SOLUBILITY IN H2O: Disperible

STABILITY AND REACTIVITY

STABILITY: Stable under normal use and storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

MATERIALS TO AVOID: None

TOXICOLOGICAL INFORMATION**ACUTE TOXICITY/IRRITATION STUDIES (FINISHED PRODUCT)**

Ingestion:	Oral (LD50 Rat) :	2629 mg/kg
Dermal:	Dermal (LD50 Rabbit) :	> 2,000 mg/kg
Inhalation:	Inhalation (LC50 Rat) :	> 5.4 mg/l air - 4 hours
Eye Contact: Skin Contact: Skin Sensitization:	Extremely Irritating (Rabbit) Mildly Irritating (Rabbit) Not a Sensitizer (Guinea Pig)	

EFFECTS OF OVEREXPOSURE: Causes eye irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Avoid breathing spray mist.

CHRONIC OVEREXPOSURE EFFECTS: There are no known chronic effects associated with this material.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: nonspecific. Symptoms may include exhaustion, muscular spasms, urinary incontinence, dyspnea and cyanosis. Severe eye damage may occur. Skin irritation may occur.

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EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE TO THIS MATERIAL: No information found for this mixture.

ECOLOGICAL INFORMATION

SUMMARY OF EFFECTS: Slightly to moderately toxic to fish. Moderately toxic to invertebrates. Practically non-toxic to birds and bees.

ECO-ACUTE TOXICITY: Invertebrates (Daphnia magna) LC50/EC50 1600 mg/L
Fish (Trout) LC50/EC50 > 1000 mg/L
Fish (Bluegill) LC50/EC50 > 1000 mg/L
Birds (8-day dietary - Bobwhite Quail) LC50/EC50 5620 ppm
Birds (8-day dietary - Mallard Duck) LC50/EC50 5820 ppm

ECO-CHRONIC TOXICITY: Not Available

DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Open dumping is prohibited. Wastes resulting from the use of this product are acutely toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedure and disposal of wastes.

TRANSPORT INFORMATION**DOT PROPER SHIPPING NAME:**

> OR + 248 GALLONS: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S
<248 gallons: None

DOT CLASSIFICATION

Primary -> or = 248 gallons: ENVIRONMENTALLY HAZARDOUS SUBSTANCES
< 248 gallons: None
Secondary – None

DOT LABELS REQUIRED: Class 9

DOT PLACARDS REQUIRED: Class 9

REGULATORY INFORMATION

NA

OTHER INFORMATION

Company Registration No: 200405572W
Incorporated in the Republic of Singapore Under the Companies Act (Cap 50)



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Section(s) Revised : New Format