



# Safety Data Sheet

Issue Date: 03-Mar-2025

Revision Date: 03-Mar-2025

Version 1

## 1. IDENTIFICATION

### Product identifier

**Product Name** ADAMA DICAMBA 480

### Other means of identification

**SDS #** ADAMA-376-CA

**Synonyms** None

**Registration Number(s)** CPCPA Reg. no. 35431

**UN/ID No** UN3082

### Recommended use of the chemical and restrictions on use

**Recommended Use** Herbicide

### Details of the supplier of the safety data sheet

#### Manufacturer Address

ADAMA Agricultural Solutions Canada Ltd.  
300-191 Lombard Avenue  
Winnipeg, Manitoba R3B 0X1  
1-855-264-6262

### Emergency telephone number

**Emergency Telephone** For fire, spill and/or leak contact INFOTRAC:  
1-800-535-5053 (North America) 1-352-323-3500 (International)  
For medical emergencies and health/safety inquiries, contact ProPharma Group:  
1-877-250-9291

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear yellow to pale brown liquid      **Physical state** Liquid      **Odour** Faint Aromatic

### Classification

Serious eye damage/eye irritation	Category 1
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#### Signal word

**Danger**

#### Hazard statements

Causes serious eye damage

**Precautionary Statements - Prevention**

Wear eye protection/ face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTRE or doctor

**Other Information**

Harmful to aquatic life with long lasting effects

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Dicamba	1918-00-9	58.8	-	-

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye contact</b>	Rinse opened eye for several minutes under running water. Seek medical attention.
<b>Skin contact</b>	Immediately wash with water and soap and rinse thoroughly. Wash contaminated clothing before reuse. If skin irritation continues, consult a doctor.
<b>Inhalation</b>	Remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention if symptoms persist.
<b>Ingestion</b>	Call a doctor or poison control centre immediately. Drink 1 or 2 glasses of water. Induce vomiting, but only if victim is fully conscious.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	May be harmful if swallowed. Causes serious eye damage.
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	Treat symptomatically. Although symptoms are nonspecific, they may include exhaustion, muscular spasms, urinary incontinence, dyspnea and cyanosis. 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.
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## 5. FIREFIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water spray or fog. Foam. Dry chemical.
<b>Unsuitable extinguishing media</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Specific hazards arising from the chemical</b>	Containers may explode when heated. Move containers from area if it can be done without risk. Use water spray to keep fire-exposed containers cool. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Stay a safe distance away from tanks engulfed in fire.
<b>Hazardous combustion products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Nitrogen oxides (NO <sub>x</sub> ).
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. Collect contaminated fire extinguishing water separately. Do not allow it to enter drains or surface water. If tank, rail car or tank truck is involved in a fire, isolate for 800 meters (1/2 mile) in directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Use personal protective equipment as required. Avoid contact with skin and eyes. Ensure adequate ventilation. Keep unnecessary and unprotected people away from area of spill.
<b>For emergency responders</b>	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "Personal Precautions" in this section.

### Environmental precautions

<b>Environmental precautions</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.
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### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	As an immediate precautionary measures, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. For major spills or leaks call emergency response (Section 1) for instructions and cleanup. For dry spills or leaks use a clean shovel and place material into a clean, dry disposal container and cover. Remove disposal containers from the site for later disposal according to state and local regulations. For minor liquid spills or leaks, stop leak if you can do it without risk by diking ahead of the spill to minimize spreading. Prevent entry into waterways, sewers, basements or confined areas. Take up with sand. Earth, vermiculite, diatomaceous earth or other non-combustible absorbent material and place into a clean container for later disposal. Remove disposal containers from the site for later disposal according to state and local regulations.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Avoid contact with eyes, skin and clothing.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not contaminate water, food or feed by storage. Keep away from heat. Protect from direct sunlight. Store above 0 °C.

#### **Packaging materials**

Empty containers retain product residue and can be hazardous.

#### **Incompatible materials**

Strong bases Strong acids

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

#### **Engineering controls**

Provide general or local exhaust ventilation systems if possible. Showers. Eyewash stations.

### Individual protection measures, such as personal protective equipment

#### **Eye/face protection**

Tightly sealed goggles. If necessary, refer to appropriate regulations and standards.

#### **Skin and body protection**

Wear protective gloves and protective clothing. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.

#### **Respiratory protection**

Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance. If necessary, refer to appropriate regulations and standards.

#### **General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear yellow to pale brown liquid
<b>Colour</b>	yellow to pale brown
<b>Odour</b>	Faint Aromatic
<b>Odour Threshold</b>	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.5-8.5 (1% w/w @ 25 °C)	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	100 °C / 212 °F	
Flash point	No data available	
Evaporation rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapour Pressure	23.3 kpa @ 20°C (for solvent)	
Relative vapor density	No data available	
Relative Density	Not determined	
Water Solubility	Soluble at 54°C	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	No data available	
Decomposition temperature	Not determined	
Kinematic Viscosity	11.9 cSt (centistokes) @ 25 °C	
Dynamic viscosity	Not determined	
Explosive properties	Not determined.	
Oxidising properties	Not determined.	
<u>Other information</u>		
Softening Point	Not determined	
Molecular weight	Not determined	
VOC content	No data available	
Liquid Density	1.2091 g/ml (10.1 lbs/gal) @ 25 °C	
Bulk density	Not determined	

## 10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to Avoid	Heat, flames and sparks.
Incompatible materials	Strong bases. Strong acids.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Nitrogen oxides (NO <sub>x</sub> ). Sulphur oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Eye contact	Causes serious eye damage.
Skin contact	Avoid contact with skin.

Inhalation Do not inhale.  
Ingestion May be harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Acute toxicity**

ATEmix (oral) 3500 mg/kg (rat)  
ATEmix (dermal) >2000 mg/kg (rat)  
ATEmix (inhalation-dust/mist) >5.2 mg/l (rat)

**Unknown acute toxicity** No information available

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dicamba 1918-00-9	= 1039 mg/kg ( Rat )	= 1716 mg/kg ( Rabbit )	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**12. ECOLOGICAL INFORMATION**

**Marine Pollutant** Yes.

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

**Persistence/Degradability** No information available.

**Bioaccumulation** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS****Disposal methods**

**Waste from residues/unused products** Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose of in accordance with local regulations.

**Contaminated packaging** Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

**DOT**

UN/ID No UN3082  
 Proper Shipping Name Environmentally Hazardous Substances, Liquid, N.O.S. (Dicamba DGA)  
 Transport hazard class(es) 9  
 Packing Group III  
 Marine Pollutant Yes.

**TDG**

UN/ID No UN3082  
 Proper Shipping Name Environmentally Hazardous Substances, Liquid, N.O.S. (Dicamba DGA)  
 Transport hazard class(es) 9  
 Packing Group III  
 Marine Pollutant Yes.

**IATA**

UN number or ID number UN3082  
 Proper Shipping Name Environmentally Hazardous Substances, Liquid, N.O.S. (Dicamba DGA)  
 Transport hazard class(es) 9  
 Packing group III

**IMDG**

UN number or ID number UN3082  
 Proper Shipping Name Environmentally Hazardous Substances, Liquid, N.O.S. (Dicamba DGA)  
 Transport hazard class(es) 9  
 Packing Group III  
 Marine Pollutant Yes

## 15. REGULATORY INFORMATION

**REGULATORY INFORMATION****International Regulations**

Ozone-depleting substances (ODS) Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

**International Inventories**

Chemical name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AIC
Dicamba	X		X	X	X	X	X	

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION****NFPA**  
**HMIS**Health hazards -  
Health hazards -Flammability -  
Flammability -Instability -  
Physical hazards -Special hazards -  
Personal Protection Not  
determined**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation

Revision Date: 03-Mar-2025

Revision Note: New format.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**