



Safety Data Sheet

Issue Date: 26-Jan-2026

Revision Date: 26-Jan-2026

Version 1

1. IDENTIFICATION

Product identifier

Product Name Dicamba 4L DGA

Other means of identification

SDS # ADAMA-394

Registration Number(s) EPA Reg. No. 93182-24-66222
UN/ID No UN3082

Recommended use of the chemical and restrictions on use

Recommended use Souble liquid. Mixes with water. For use in agriculture weed control. Refer to product label for further details. Refer to product label for further details.

Details of the supplier of the safety data sheet

Manufacturer Address

Makhteshim Agan of North America, Inc. (d/b/a ADAMA)
8601 Six Forks Rd., Suite 300
Raleigh, NC 27615
1-919-256-9300

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear yellow to pale brown liquid

Physical state Liquid

Odor Faint Aromatic

Classification

Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 1

Label elements



Signal word

Danger

Hazard statements

Harmful if swallowed.
Causes serious eye damage.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
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 CENTER or doctor.
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
Rinse mouth.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Other Information

Harmful to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Dicamba	1918-00-9	58.8

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin Contact	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	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.
Ingestion	Call a poison control center or doctor immediately for treatment advice. DO NOT give any liquid to the person. DO NOT induce vomiting unless told to do so by the poison control center or doctor. DO NOT give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms	Causes serious eye damage. Harmful if swallowed.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically. 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. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Small Fire Dry chemical. Carbon dioxide (CO₂). Water spray. Regular foam.

Large Fire Water spray or fog. Regular foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Move containers from fire area if you can do so without risk.

For fires involving tanks: Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. 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

Personal Precautions Do not touch or walk through spilled material. Ensure adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up 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.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight. Keep away from foodstuffs, beverages, and feed. Store between 0°C and 30 °C.

Incompatible Materials

Acids. Bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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 and/or local exhaust ventilation to control airborne levels below the exposure guideline.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Tightly sealed goggles.

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.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

Liquid

Appearance

Clear yellow to pale brown liquid

Color

yellow to pale brown

Odor

Faint Aromatic

Odor Threshold

Not determined

Property

Values

Remarks • Method

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

> 100 °C / 212 °F

Evaporation rate

Not determined

Flammability (Solid, Gas)

Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor Pressure	23.3 kpa @ 20°C (for solvent)	
Relative vapor density	>1.0	(Air=1)
Relative Density	Not determined	
Water Solubility	Propranolol HCl is readily soluble in water.	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	No data available	
Decomposition temperature	Not determined	
Kinematic viscosity	Not applicable	
Dynamic viscosity	11.9 cSt (centistokes) @ 25 °C	
Particle characteristics	No data available	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
<u>Other information</u>		
Liquid Density	1.2091 g/ml (10.1 lbs/gal) @ 25 °C	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Heat, flames and sparks.

Incompatible materials

Acids. Bases.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Sulfur 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 Harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Dicamba 1918-00-9	= 1039 mg/kg (Rat)	= 1716 mg/kg (Rabbit)	> 5.14 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity Did not cause cancer in long-term animal studies. There were no treatment related increases in tumors at dietary levels up to 2500 ppm (rats and dogs) and 3000 ppm (mice).

STOT - single exposure Reported health effects following dicamba ingestion include hyperthermia, metabolic acidosis, renal failure and increases in certain liver enzymes (NPIC Data).

STOT - repeated exposure Dicamba is distributed in all tissues including the liver, kidney, blood, muscle and fat, and, excreted in the urine. (NPIC Data).

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral) 3,500 mg/kg (rat)
ATEmix (dermal) >2,000 mg/kg (rat)
ATEmix (inhalation-dust/mist) >5.2 mg/l (rat)

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Not determined

Other adverse effects

Not determined

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Disposal of Wastes Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal should be in accordance with applicable regional, national and local laws and 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.

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
 Description Yes

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

TDG

Special Provisions SOR/2008-34 (AMENDMENT 6)

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
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 Chemicals Inventory
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Dicamba 1918-00-9	1000 lb / 54 kg (final RQ)		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Dicamba - 1918-00-9	1918-00-9	58.8	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Dicamba	1000 lb			X

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product contains the following State Right-to-Know chemicals:

Chemical name	New Jersey	Massachusetts	Pennsylvania
Dicamba 1918-00-9	X	X	X

EPA Pesticide Registration Number EPA Reg. No. 93182-24-66222**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label

Please refer to EPA label for additional information

Difference between SDS and EPA pesticide label

Please refer to EPA label for additional information

16. OTHER INFORMATION**NFPA**

Health hazards 1

Flammability 0

Instability 0

Special hazards -

HMIS

Health hazards 1

Flammability 0

Physical hazards 0

Personal protection -

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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