

## SECTION 1 Identification

### 1.1. GHS Product identifier

Product form	: Mixture
Product name	: 2,4-D AMINE 600
Type of product	: Pesticide
Product code	: 1001419,1001420

### 1.2. Other means of identification

REGISTRATION NUMBER : 31332

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

Use of the substance/mixture : Herbicide  
Restrictions on use : It is a violation of Federal law to use this product in a manner inconsistent with its label.

### 1.4. Supplier's details

Albaugh Canada ULC  
112, 280 Midpark Way SE 112, 280 Midpark Way SE  
Calgary, Alberta T2X 1J6  
Canada  
T 800-247-8013  
[ContactUS@Albaughllc.com](mailto:ContactUS@Albaughllc.com) - [albaughllc.com](http://albaughllc.com)

### 1.5. Emergency phone number

Emergency number : For Chemical Spill, Leak, Fire, Exposure, or Accident:  
• Call CHEMTREC Day or Night within USA and Canada: 1-800-424-9300

For Medical Emergencies Only:  
• Call Albaugh LLC Day or Night within USA and Canada: 1-888-347-6732  
24 hours a day, 7 days a week

## SECTION 2 Hazard identification

### 2.1. Classification of the substance or mixture

#### Classification (GHS CA)

Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Acute toxicity (dermal), Category 4	H312	Harmful in contact with skin.
Acute toxicity (inhalation:dust,mist), Category 4	H332	Harmful if inhaled.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, Acute Hazard, Category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment, Chronic Hazard, Category 1	H410	Very toxic to aquatic life with long lasting effects.

Full text of H-statements: see section 16

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according to the Hazardous Products Regulation (WHMIS 2015)

### 2.2. GHS label elements, including precautionary statements

#### GHS CA labelling

Hazard pictograms (GHS CA)



Signal word (GHS CA)

: Danger

Hazard statements (GHS CA)

: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (GHS CA)

: P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
P301+P312 - IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or a doctor.  
P312 - Call a POISON CENTER or a doctor if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P330 - Rinse mouth.  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
2,4-D, dimethylamine salt (Active substance (Biocide), Main constituent)	2,4-dichlorophenoxyacetic acid dimethylamine salt / acetic acid, (2,4-dichlorophenoxy)-, compd. with N-methylmethanamine (1:1) / dimethylamine salt of 2,4-D / dimethylammonium 2,4-dichlorophenoxyacetate	CAS-No.: 2008-39-1	64.2 – 68.2	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317
Other Ingredients (non-hazardous, proprietary) (Additive)	-	-	31.8 – 35.8	Not classified

## SECTION 4 First-aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.
First-aid measures general	: Call a poison center or a doctor if you feel unwell.
Self protection of the first-aider	: First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: Harmful in contact with skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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## SECTION 5 Fire-fighting measures

### 5.1. Suitable extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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### 5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

### 5.3. Special protective actions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
Environmental precautions	: Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

For containment	: Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Keep cool. Protect from sunlight.
Packaging materials	: Always store product in container of same material as original container.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

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### 8.3. Individual protection measures, such as personal protective equipment (PPE)

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: amber
Odour	: Amine-like Pungent
Odour threshold	: No data available
pH	: 5.57
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Density	: 1.224 g/ml
Solubility	: In water, material is partially soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: 38.33 mm <sup>2</sup> /s
Explosive properties	: Not Explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: No data available

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Particle characteristics : No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.  
Conditions to avoid : None under recommended storage and handling conditions (see section 7).  
Incompatible materials : No additional information available  
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
Hardening time: : No additional information available

## SECTION 11 Toxicological information

### 11.1. Likely routes of exposure

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Harmful in contact with skin.  
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

2,4-D AMINE 600	
ATE CA (oral)	755.287 mg/kg bodyweight
ATE CA (Dermal)	1100 mg/kg bodyweight
ATE CA (dust,mist)	1.5 mg/l/4h

  

2,4-D, dimethylamine salt (2008-39-1)	
ATE CA (oral)	500 mg/kg bodyweight

Skin corrosion/irritation : Not classified  
pH: 5.57  
Serious eye damage/irritation : Causes serious eye damage.  
pH: 5.57  
Respiratory or skin sensitization : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified

2,4-D AMINE 600	
Viscosity, kinematic	38.33 mm <sup>2</sup> /s

Symptoms/effects after inhalation : Harmful if inhaled.  
Symptoms/effects after skin contact : Harmful in contact with skin. May cause an allergic skin reaction.  
Symptoms/effects after eye contact : Serious damage to eyes.  
Symptoms/effects after ingestion : Harmful if swallowed.

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according to the Hazardous Products Regulation (WHMIS 2015)

### SECTION 12 Ecological information

#### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.  
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

##### 2,4-D AMINE 600

Persistence and degradability	Not rapidly degradable
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##### 2,4-D, dimethylamine salt (2008-39-1)

Persistence and degradability	Not readily biodegradable in water.
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##### Other Ingredients (non-hazardous, proprietary)

Persistence and degradability	Not rapidly degradable
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#### 12.3. Bioaccumulative potential

##### 2,4-D, dimethylamine salt (2008-39-1)

Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
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BCF - Fish [1]	0.1 (Ictalurus punctatus)
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BCF - Fish [2]	0.47 (Lepomis macrochirus)
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Partition coefficient n-octanol/water (Log Pow)	0.65 (Experimental value)
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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

### SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.

### SECTION 14 Transport information

#### TDG

NOTE: When shipped in Canada domestic highway non-bulk this product can be shipped as Not Regulated as per TDG 1.45.1

#### 14.1. UN Number

UN3082

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TDG	
NOTE: When shipped in Canada domestic highway non-bulk this product can be shipped as Not Regulated as per TDG 1.45.1	
<b>14.2. UN Proper Shipping Name</b>	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, salts and esters)	
<b>Transport document description</b>	
UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2,4-D, salts and esters), 9, III	
<b>14.3. Transport hazard class(es)</b>	
9	
	
<b>14.4. Packing group, if applicable</b>	
III	
<b>14.5. Environmental hazards</b>	
Dangerous for the environment: Yes	
14.6. Special precautions for user	

**TDG**

UN-No. (TDG)

: UN3082

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TDG Special Provisions	: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the danger or dangers posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS, 99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be offered for transport, handled or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means of containment and during transport. (2) These Regulations, except for Parts 1 and 2, do not apply to the offering for transport, handling or transport of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no release of the dangerous goods that could endanger public safety.
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Emergency Response Guide (ERG) Number	: 171

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78<sup>9</sup> and the IBC Code<sup>10</sup>

Not applicable

## SECTION 15 Regulatory information

### Other Ingredients (non-hazardous, proprietary)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

## SECTION 16 Other Information

Issue date : 02/23/2026

### Full text of hazard classes and H-statements:

H302	Harmful if swallowed
H312	Harmful in contact with skin
H317	May cause an allergic skin reaction

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according to the Hazardous Products Regulation (WHMIS 2015)

### Full text of hazard classes and H-statements:

H318	Causes serious eye damage
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

SDS CA-ALBAUGH

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.