

## SECTION 1 Identification

### 1.1. GHS Product identifier

Product form : Mixture  
Product name : WARLOCK  
Type of product : Pesticide  
Product code : 1000818

### 1.2. Other means of identification

REGISTRATION NUMBER : Health Canada PMRA Reg. No. 34903 (PCP Act)

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

Use of the substance/mixture : Herbicide  
Restrictions on use : Use in accordance with label directions for use.

### 1.4. Supplier's details

Albaugh, LLC (Canada)  
1525 NE 3th Street 1525 NE 36th Street  
Ankeny, IA 50021  
USA  
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 Emergency Spill, Leak, Fire, Exposure, or Accident:  
• Call CHEMTREC Day or Night within USA and Canada: 1-800-424-9300, Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

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)

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

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

#### GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Warning

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Hazard statements (GHS CA)	: H400 - Very toxic to aquatic life H410 - Very toxic to aquatic life with long lasting effects
Precautionary statements (GHS CA)	: P273 - Avoid release to the environment. 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

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Aminopyralid-tris(2-hydroxypropyl)ammonium (Main constituent)	-	CAS-No.: 566191-89-7	39 – 41.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro- (Active substance (Biocide))	-	CAS-No.: 150114-71-9	20.202 – 21.663	Not classified

Full text of hazard classes and H-statements : see section 16

## 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.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
First-aid measures general	: If you feel unwell, seek medical advice.
Self protection of the first-aiders	: First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

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

Other medical advice or treatment	: Treat symptomatically.
-----------------------------------	--------------------------

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### 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.

#### 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 : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : 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

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### 8.2. Appropriate engineering controls

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

### 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 insufficient ventilation, wear suitable respiratory equipment

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



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: dark red
Odour	: mild characteristic
Odour threshold	: No data available
pH	: 7.43
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	: 1.147
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Viscosity, kinematic	: 5.65 mm <sup>2</sup> /s
Viscosity, dynamic	: 6.48 mPa·s
Explosive limits	: No data available
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)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

WARLOCK	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	> 5.79 mg/l/4h

Aminopyralid-tris(2-hydroxypropyl)ammonium (566191-89-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	≥ 5000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	≥ 5.79 mg/l/4h

2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro- (150114-71-9)	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity), Guideline: EU Method B.1 (Acute Toxicity (Oral)), Guideline: other:
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: other:

Skin corrosion/irritation	: Not classified pH: 7.43
Serious eye damage/irritation	: Not classified pH: 7.43
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro- (150114-71-9)	
NOAEL (chronic, oral, animal/male, 2 years)	50 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EU Method B.33 (Combined Chronic Toxicity / Carcinogenicity Test), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:
NOAEL (chronic, oral, animal/female, 2 years)	500 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Guideline: EU Method B.33 (Combined Chronic Toxicity / Carcinogenicity Test), Guideline: EPA OPPTS 870.4300 (Combined Chronic Toxicity / Carcinogenicity), Guideline: other:

Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

WARLOCK	
Viscosity, kinematic	5.65 mm <sup>2</sup> /s
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: None under normal conditions.

## 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.

2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro- (150114-71-9)	
LC50 - Fish [1]	> 120 mg/l Test organisms (species): <i>Cyprinodon variegatus</i>
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): <i>Daphnia magna</i>

### 12.2. Persistence and degradability

WARLOCK	
Persistence and degradability	Not rapidly degradable

Aminopyralid-tris(2-hydroxypropyl)ammonium (566191-89-7)	
Persistence and degradability	Not rapidly degradable

2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro- (150114-71-9)	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### 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	DOT	IMDG	IATA
No supplementary information available			
<b>14.1. UN Number</b>			
Not regulated	Not regulated	UN3082	UN3082
<b>14.2. UN Proper Shipping Name</b>			
Not regulated	Not regulated	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Aminopyralid)	Environmentally hazardous substance, liquid, n.o.s. (Aminopyralid)
<b>Transport document description</b>			
Not regulated	Not regulated	UN UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Aminopyralid), 9, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN UN3082 Environmentally hazardous substance, liquid, n.o.s. (Aminopyralid), 9, III, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	9	9
Not regulated	Not regulated		
<b>14.4. Packing group, if applicable</b>			
Not regulated	Not regulated	III	III
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes

### 14.6. Special precautions for user

TDG  
Not regulated

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

### DOT

Not regulated

### IMDG

Special provisions (IMDG) : 274, 335, 375, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE  
EmS-No. (Spillage) : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS  
Stowage category (IMDG) : A

### IATA

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197, A215  
ERG code (IATA) : 9L

### 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

### 2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro- (150114-71-9)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

### WARLOCK

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

### 2-Pyridinecarboxylic acid, 4-amino-3,6-dichloro- (150114-71-9)

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

## SECTION 16 Other Information

Issue date : 02/08/2026

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

H315	Causes skin irritation
H319	Causes serious eye irritation
H400	Very toxic to aquatic life

# WARLOCK

## Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

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

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.