# **Safety Data Sheet**

Release 1.0 According to Appendix D,

Revision 01/05/2025 OSHA Hazard

Date of issue 01/05/2025 Communication Standard

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#### 1 Identification of the substance

1.1 Product identifier

Identification of the

GW-501516 Cardarine

substance

Additional identification GW 501516;2-[2-Methyl-4-[[4-methyl-2-[4-(trifluoromethyl)phenyl]-5-thiazolyl]

methyl]thio]phenoxy]acetic acid

REACH No. A registration number is not available for this substance as the substance or its

uses are exempted from registration or the annual tonnage does not require a

registration.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses other biochemicals

Restriction on use not for food or drug use, for laboratory use only

1.3 Details of the supplier of the safty data sheet

Company InfinityChem

16445 N 91st St, Suite 101 Scottsdale, AZ 85260 USA

Website https://www.8chem.com
Mail sales@8chem.com

1.4 Emergency telephone number

Phone Monday - Friday 9 AM to 5 PM (PST): +1-844-269-2436

# 2 Hazards identification

## 2.1 Classification of the substance or mixturet

Physical Hazards

not classified

Health Hazards
not classified

**Enviromental Hazards** 

not classified

#### 2.2 Label elements

**Regulatory List** 

EC1272/08 Regulation (EC) 1272/2008 (GHS/CLP)

**Precautionary Statement** 

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P262 Do not get in eyes, on skin, or on clothing.

2.3 Other hazards

Caution! To the best of our knowledge the toxicological properties of this material have

not been thoroughly investigated.

3 Composition/information on ingredients

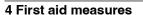
Substance related information

Substance name GW-501516 Cardarine

Synonyms GW 501516;2-[2-Methyl-4-[[[4-methyl-2-[4-(trifluoromethyl)phenyl]-5-thiazolyl]

methyl]thio]phenoxy]acetic acid

Cas No. [317318-70-0] Formula  $C_{21}H_{18}F_3NO_3S_2$ 



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# 4.1 Description of first aid measures

First Aid: Eye

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

First Aid: Skin

Wash immediately with plenty of water and soap for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothes before reuse. Call a physician.

First Aid: Ingestion

Wash out mouth with water provided person is conscious. Call a physician.

## 4.2 Most important symptoms and effects, both acute and delayed

Hints for Physician: Symptoms

See Section 11 for additional information on health hazards

# 4.3 Indication of any immediate medical attention and special treatment needed

First Aid: Inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician.

# **Hints for Physician: Treatment**

Treat symptomatically.

# 5 Firefighting measures

# 5.1 Extinguishing Media

#### Suitable

foam, dry extinguishing powder, carbon dioxide (CO2), water spray jet

#### 5.2 Special hazards arising from the substance or mixturet

Wear a self-contained breathing apparatus and chemical protective clothing.

# **Hazards During Fire-Fighting**

toxic fumes

## 5.3 Fire-Fighting/Further Advice

Do not inhale explosion and combustion gases. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

#### 6 Accidental release measures

# 6.1 Personal Precautions, potective equipment and emergency procedures

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.

#### 6.2 Environmental Precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Ensure all waste water is collected and treated via a waste water treatment plant.

# 6.3 Methods and material for containment and cleaning up

not available

# 6.4 Further Accidental Release Measures

Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly. Ventilate affected area.

# 7 Handling and storage

# 7.1 Precautions for safe handling

#### Handling advice

Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling.

# 7.2 Conditions for safe storage, including any incompatibilities

# Storage temperature

store at <-15°C

# **Storage Requirements**

Warm to Room Temperature before use. Keep away from incompatible substances. Store in a cool, dry, well-ventilated area away from incompatible substances.

# 7.3 Specific end use(s)

# 8 Exposure controles/personal protection

#### 8.1 Exposure limit values

Does not contain any substances with occupational exposure limits.

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# 8.2 Exposure controles

## **Industrial Hygiene**

Mechanical exhaust required. Safety shower and eye shower.

#### 8.3 Personal Protective Equipment

#### **Respiratory Protection**

Wear NIOSH/MSHA or European Standard EN 149 approved respirator.

# **Hand Protection**

Wear compatible chemical-resistant gloves to prevent skin exposure.

#### **Eye Protection**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA.

## **Body Protection**

Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

## Advice on Safe Handling

Wash contaminated clothing before reuse. Wear appropriate protective clothing to prevent exposure.

# 9 Physical and chemical properties

# 9.1 Information on basic Physical and chemical color properties

Color

white

Form

powder

Phase Transition Solid/Liquid

133,00 °C

Phase Transition Liquid/Gas

584,50 °C

#### 9.2 Other information

Molar Mass 453,50 g/mol

# 10 Stability and reactivity

# 10.1 Reactivity

No Data Available

#### 10.2 Chemical stability

No Data Available

## 10.3 Possibility of hazardous reaction

No Data Available

# 10.4 Conditions to Avoid (SDS)

incompatible materials

# 10.5 Incompatible materials

strong oxidizers

# 10.6 Hazardous decomposition products

nitrogen oxides (NOx), carbon dioxide (CO2), sulphur oxides, hydrogen fluoride, carbon monoxide

# 11 Toxicological information

## 11.1 Information on toxicological effects

# **Other Relevant Toxicity Information**

We are not aware of any toxicology data.

# 12 Ecological Information

# 12.1 Toxicity

Acute toxicity versus Fishing	Test Type	Species	Method	Exposure Time	Value in standard unit mg/l
	No data available	No data available	No data available	No data available	No data available

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Acute toxicity in aquatic plants	Test Type	Species	Method	Exposure Time	Value in standard unit mg/l
	No data available	No data available	No data available	No data available	No data available
Acute toxicity versus Daphnia and others aquatic invertebrates	Test Type	Species	Method	Exposure Time	Value in standard unit mg/l
	No data available	No data available	No data available	No data available	No data available

# 12.2 Persistence and degradablity

Remarks : no data available 12.3 Bioaccumulative potential Remarks : no data available

**12.4 Mobility in soil** no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

no data available

# 13 Disposal considerations

# **Advice on Disposal and Packaging**

Advice on Disposal

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and Exhaust air. Dispose of waste according to laws applicable.

Advice on Packaging not available

# 14 Transport information

	Road Transport(ADR/GGVS)	Air Transport(IATA)
	Not Dangerous Goods	Not Dangerous Goods
	Not Dangerous Goods	Not Dangerous Goods
14.3 Transport hazard class(es)	Not Dangerous Goods	Not Dangerous Goods
	Not Dangerous Goods	Not Dangerous Goods
14.5 Enviromental hazard class (es)	Not Dangerous Goods	Not Dangerous Goods
14.6 Special precautions for user	Not applicable	Not applicable
14.7 Transport in bulk according to Annex 11 of MARPOL and the IBC code	Not applicable	Not applicable

# 15 Other regulations

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixturet

#### **US Federal Regulations**

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

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SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

# **US State Regulations**

**Toxins** 

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances

None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List

None of the ingredients are listed or exempt.

Rhode Island "Right To Know" List

None of the ingredients are listed or exempt.

Minnesota "Right To Know" List

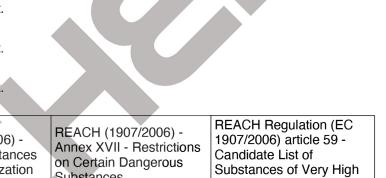
None of the ingredients are listed or exempt.

New Jersey "Right To Know" List

None of the ingredients are listed or exempt.

Pennsylvania "Right To Know" List

None of the ingredients are listed or exempt. not available



	Annex XIV - Substances Subject to Authorization	on Certain Dangerous	REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC)
GW 501516		<del></del>	

# 15.2 Chemical safty assessment

No chemical safety assessment has been carried out.

# 16 Additional information

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