

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 3.2  
14.03.2025

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifiers

Product name : **SR-9011**

Product Number : 1-672892-372863

Brand : ARCHEM

REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

CAS-No. : 1379686-29-9

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

Identified uses : This product is for research use - Not for human or veterinary diagnostic or therapeutic use.

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

Company : ARCHEM UK  
London Bioscience Innovation Centre  
2 Royal College St  
London  
NW1 0NH  
United Kingdom

Telephone : + 44 (0) 2033 555629

E-mail address : [technicalservice@ar-chem.co.uk](mailto:technicalservice@ar-chem.co.uk)

#### 1.4. Emergency telephone

Emergency Phone # : + 44 (0) 2033 555629

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Skin irritation : H315 Causes skin irritation.

Eye irritation : H319 Causes serious eye irritation.

#### 2.2. Label elements

The substance is classified and labeled according to the Globally Harmonized System (GHS).

#### 2.3. Hazard pictograms



### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Synonyms	:	3-[[[(4-Chlorophenyl)methyl][(5-nitro-2-thienyl)methyl]amino]methyl]-N-pentyl-1-pyrrolidinecarboxamide
Formula	:	C <sub>23</sub> H <sub>31</sub> ClN <sub>4</sub> O <sub>3</sub> S
Molecular weight	:	479.04 g/mol

No components need to be disclosed according to the applicable regulations.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first-aid measures

#### General information

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

#### If inhaled

After inhalation: fresh air.

#### In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

#### In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses. If symptoms persist, consult a doctor.

#### If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use fire fighting measures that suit the environment.

#### Unsuitable extinguishing media

A solid water stream may be inefficient.

### 5.2. Special hazards arising from the substance or mixture

Carbon dioxide, carbon monoxide, hydrogen fluoride, nitrogen oxides.

### 5.3. Advice for firefighters

No special measures required.

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

Not required.

### **6.2. Environmental precautions**

Do not let product enter drains.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **6.3. Methods and materials for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### **6.4. Reference to other sections**

For disposal see section 13.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

No special precautions are necessary if used correctly.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Avoid prolonged or repeated exposure.  
Keep away from sources of ignition.  
Take precautionary measures against static discharge.

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

#### **Storage**

Store in accordance with information listed on the product insert.

#### **Requirements to be met by storerooms and receptacles**

No special requirements.

#### **Information about storage in one common storage facility**

Not required.

#### **Further information about storage conditions**

Keep receptacle tightly sealed.

### **7.3. Specific end use(s)**

No further relevant information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

#### **Ingredients with workplace control parameter**

Contains no substances with occupational exposure limit values.

### **8.2. Exposure controls**

#### **Personal protective equipment**

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

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

### **Skin protection**

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

### **Full contact**

Material: Nitrile rubber  
Minimum layer thickness: 0.11 mm  
Break through time: 480 min  
Material tested: KCL 741 Dermatril® L

### **Splash contact**

Material: Nitrile rubber  
Minimum layer thickness: 0.11 mm  
Break through time: 480 min  
Material tested: KCL 741 Dermatril® L

### **Respiratory protection**

Required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Recommended Filter type: Filter type P1

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.

These measures have to be properly documented.

### **Control of environmental exposure**

Do not let product enter drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **9.1. Information on basic physical and chemical properties**

Physical state	:	solid
Color	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flammability (solid, gas)	:	Product is not flammable.
Upper/lower flammability or explosive limits	:	No data available
Flash point	:	Not applicable
Autoignition temperature	:	No data available
Decomposition temperature	:	No data available
pH	:	No data available
Viscosity	:	Viscosity, kinematic: No data available Viscosity, dynamic: No data available

Water solubility	:	DMF: 30 mg/ml; DMSO: 30 mg/ml; Ethanol: 14 mg/ml; Water: insoluble
Partition coefficient: n-octanol/water	:	No data available
Vapor pressure	:	No data available
Density	:	No data available
Relative density	:	No data available
Relative vapor density	:	No data available
Particle characteristics	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	Incompatible with strong oxidizing agents

## 9.2. Other safety information

No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

No information available

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6. Hazardous decomposition products

Carbon oxides, hydrogen chloride, nitrogen oxides, sulfur oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity

Oral: No data available

Inhalation: No data available

Dermal: No data available

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No data available

#### Respiratory or skin sensitization

No data available

#### Germ cell mutagenicity

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**11.2. Additional Information**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

**12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6. Endocrine disrupting properties**

No data available

**12.7. Other adverse effects**

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

**Product**

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. See [www.retrologistik.com](http://www.retrologistik.com) for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

Notice Directive on waste 2008/98/EC.



- IATA - International Air Transport Association;
- IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;
- IC50 - Half maximal inhibitory concentration;
- ICAO - International Civil Aviation Organization;
- IECSC - Inventory of Existing Chemical Substances in China;
- IMDG - International Maritime Dangerous Goods;
- IMO - International Maritime Organization;
- ISHL - Industrial Safety and Health Law (Japan);
- ISO - International Organisation for Standardization;
- KECI - Korea Existing Chemicals Inventory;
- LC50 - Lethal Concentration to 50 % of a test population;
- LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose);
- MARPOL - International Convention for the Prevention of Pollution from Ships;
- n.o.s. - Not Otherwise Specified;
- NO(A)EC - No Observed (Adverse) Effect Concentration;
- NO(A)EL - No Observed (Adverse) Effect Level;
- NOELR - No Observable Effect Loading Rate;
- NZIoC - New Zealand Inventory of Chemicals;
- OECD - Organization for Economic Co-operation and Development;
- OPPTS - Office of Chemical Safety and Pollution Prevention;
- PBT - Persistent, Bioaccumulative and Toxic substance;
- PICCS - Philippines Inventory of Chemicals and Chemical Substances;
- (Q)SAR - (Quantitative) Structure Activity Relationship;
- REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;
- RID - Regulations concerning the International Carriage of Dangerous Goods by Rail;
- SADT - Self-Accelerating Decomposition Temperature;
- SDS - Safety Data Sheet;
- TCSI - Taiwan Chemical Substance Inventory;
- TECI - Thailand Existing Chemicals Inventory;
- TSCA - Toxic Substances Control Act (United States);
- UN - United Nations;
- UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;
- vPvB - Very Persistent and Very Bioaccumulative

#### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. ARCHEM UK and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. All of the information in the document regarding the product matches the product ordered. For further information please contact [hello@ar-chem.co.uk](mailto:hello@ar-chem.co.uk)