



# Safety Data Sheet

according to WHS Regulations

Printing date 09.09.2020

Revision: 08.09.2020

## 1 Identification

**Product Name:** FOCUS POOL FLOC**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:**

General purpose flocculant - dilution rates: 500mL/50,000L

**Details of Manufacturer or Importer:**Focus Products Pty Ltd  
26 Business Street  
Yatala Qld 4207**Phone Number:** 1800 42 55 66**Emergency telephone number:** 0411 623 619 (A/H)

## 2 Hazard(s) Identification

**Hazardous Nature:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

**Signal Word** None**Hazard Statements** None**Precautionary Statements** None

## 3 Composition and Information on Ingredients

**Chemical Characterization:** Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 12042-91-0	Dialuminium chloride pentahydroxide	<10%
	⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	

## 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if symptoms persist.

(Contd. on page 2)

# Safety Data Sheet

according to WHS Regulations

Printing date 09.09.2020

Revision: 08.09.2020

**Product Name: FOCUS POOL FLOC**

(Contd. of page 1)

**Ingestion:**

If swallowed, do not induce vomiting. Rinse mouth thoroughly with water. Give a glass of water. Do not give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

**Symptoms Caused by Exposure:**

Inhalation: May cause sore throat, cough and irritation of the upper respiratory tract. Although unlikely to occur, inhalation may cause an adverse reaction to persons previously sensitised to the material.

Skin Contact: May cause irritation. Skin may dry or crack due to astringent nature of material.

Eye Contact: May cause moderate to severe irritation and redness.

Ingestion: Ingestion of large amounts may cause abdominal pain, nausea, vomiting, muscle spasm and kidney injury.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include hydrogen chloride and aluminum oxides.

Product is not flammable.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection and protective equipment. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Take care as may cause a slip hazard. Clean up immediately to avoid accidents.

**Environmental Precautions:** In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

## 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet.

Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from excessive heat. Keep away from strong oxidising agents and sodium hydroxide.

(Contd. on page 3)

# Safety Data Sheet

according to WHS Regulations

Printing date 09.09.2020

Revision: 08.09.2020

**Product Name: FOCUS POOL FLOC**

(Contd. of page 2)

## 8 Exposure Controls and Personal Protection

**Exposure Standards:****CAS: 12042-91-0 Dialuminium chloride pentahydroxide**

WES	TWA: 2 mg/m <sup>3</sup> as Al
-----	-----------------------------------

**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

**Respiratory Protection:**

Respirator is not usually required.

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Clear pink-red
<b>Odour:</b>	Not determined.
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	2.1
<b>Melting point/freezing point:</b>	Not determined.
<b>Initial Boiling Point/Boiling Range:</b>	100 °C
<b>Flash Point:</b>	Not applicable.
<b>Flammability:</b>	Product is not flammable.
<b>Decomposition Temperature:</b>	Not determined.
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable.
<b>Upper:</b>	Not applicable.
<b>Vapour Pressure:</b>	Not determined.
<b>Density:</b>	Not determined.
<b>Relative Density at 20 °C:</b>	1.05 g/cm <sup>3</sup>
<b>Vapour Density:</b>	Not determined.

(Contd. on page 4)

# Safety Data Sheet

according to WHS Regulations

Printing date 09.09.2020

Revision: 08.09.2020

**Product Name: FOCUS POOL FLOC**

(Contd. of page 3)

**Evaporation Rate:** Not determined.  
**Solubility in Water:** Soluble in water.  
**Partition Coefficient (n-octanol/water):** Not determined.

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Excessive heat.

**Incompatible Materials:** Strong oxidising agents and sodium hydroxide.

**Hazardous Decomposition Products:** Hydrogen chloride and aluminum oxides.

## 11 Toxicological Information

**Toxicity:**

**LD50/LC50 Values Relevant for Classification:**

**CAS: 12042-91-0 Dialuminium chloride pentahydroxide**

Oral	LD50	9187 mg/kg (rat)
------	------	------------------

### Acute Health Effects

#### Inhalation:

May cause sore throat, cough and irritation of the upper respiratory tract. Although unlikely to occur, inhalation may cause an adverse reaction to persons previously sensitised to the material.

**Skin:** May cause irritation. Skin may dry or crack due to astringent nature of material.

**Eye:** May cause moderate to severe irritation and redness.

#### Ingestion:

Ingestion of large amounts may cause abdominal pain, nausea, vomiting, muscle spasm and kidney injury.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

#### Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

#### Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** Prolonged or repeated skin exposure may cause dermatitis.

**Existing Conditions Aggravated by Exposure:** Respiratory, skin and eye conditions.

(Contd. on page 5)

# Safety Data Sheet

according to WHS Regulations

Printing date 09.09.2020

Revision: 08.09.2020

**Product Name: FOCUS POOL FLOC**

(Contd. of page 4)

## 12 Ecological Information

**Ecotoxicity:** Has not been tested as a whole for ecological effects.**Aquatic toxicity:** No information available**Persistence and Degradability:** No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

**UN Number** Not regulated.**Proper Shipping Name** Not regulated.**Dangerous Goods Class** Not regulated.**Packing Group:** Not regulated.

## 15 Regulatory Information

**Australian Inventory of Chemical Substances:**

CAS: 12042-91-0 Dialuminium chloride pentahydroxide

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:** Not Scheduled.

## 16 Other Information

**Date of Preparation or Last Revision:** 08.09.2020**Last Revision of MSDS:** 08/09/2020**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

(Contd. on page 6)

# Safety Data Sheet

according to WHS Regulations

Printing date 09.09.2020

Revision: 08.09.2020

**Product Name: FOCUS POOL FLOC**

(Contd. of page 5)

**Data altered compared to the previous version:**

Section 1: Details of Manufacturer or Importer, Section 4: Eye Contact, Ingestion, Section 5: Specific Hazards Arising from the Chemical, Section 8: Exposure Standards, Section 9: Flammability

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - May 2018"

The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Focus Products Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.