



## Safety Data Sheet

This safety data sheet complies with the requirements of: WHS regulation 2011

**Product name** Ansul 3% Fluoroprotein Foam

### Section 1: Identification: Product identifier and chemical identity

#### Product Identifier

**Product name** Ansul 3% Fluoroprotein Foam

**Product code** GFN1050-3-001

#### Other means of identification

**Pure substance/mixture** Mixture

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

**Sold to the general public** No  
**Recommended use** Fire extinguishing agent

**Uses advised against** Consumer use

#### Details of manufacturer or importer

##### Supplier

Johnson Controls  
Address: Level 3, 95 Coventry Street,  
Southbank, VIC 3006,  
Australia  
Phone: Tel: +61 3 9313 9711  
Fax: 1300-720-733 (+61) 03 9313 9709

#### For further information, please contact

Product Stewardship at 1-715-735-7411

#### Emergency Telephone Number

612 9037 2994 ( Australia)

### Section 2: Hazard(s) identification

#### GHS - Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

#### Label Elements

##### **Hazard statements**

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)



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**Other Hazards**

**Section 3: Composition and information on ingredients, in accordance with Schedule 8**

**Substance**

Not Applicable

**Mixture**

Chemical name	CAS No	weight-%
Sodium chloride	7647-14-5	0 - 10%
Polyethylene Glycol	25322-68-3	0 - 10%
Magnesium chloride	7786-30-3	0 - 10%
Non-hazardous ingredients	Proprietary	Balance

**Section 4: First aid measures**

**Description of first aid measures**

<b>Emergency telephone number</b>	Poisons Information Center, Australia: 13 11 26 Poisons Information Center, New Zealand: 0800 764 766
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Symptoms** No information available.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Note to physicians** Treat symptomatically.

**Section 5: Firefighting measures**

**Suitable extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

**Specific Hazards Arising from the Chemical**

**Specific hazards arising from the chemical** No information available.



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**Hazardous Combustion Products** Carbon oxides. Fluorinated oxides. Nitrogen oxides (NOx). Oxides of sulphur.

**Special Protective Actions for Fire-Fighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**Section 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental Precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labelled containers.

**Precautions to prevent secondary hazards**

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**Section 7: Handling and storage, including how the chemical may be safely used**

**Precautions for Safe Handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**Section 8: Exposure controls and personal protection**

**Control Parameters**

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate Engineering Controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas.



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**Individual protection measures, such as personal protective equipment**

Eye/face protection	No special protective equipment required.
Skin and body protection	No special protective equipment required.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Environmental exposure controls	No information available.

**Section 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Physical State	Liquid
Appearance	No data available
Colour	Brown
Odour	Characteristic.
Odour Threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.5 - 7.5	
Melting point/freezing point	No data available	No data available
Boiling point / boiling range	No data available	No data available
Flash Point		No data available
Evaporation Rate	No data available	No data available
Flammability (solid, gas)	No data available	No data available
Flammability limit in air		No data available
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapour Pressure	No data available	No data available
Vapour Density	No data available	No data available
Relative Density	No data available	No data available
Water Solubility	No data available	No data available
solubility(ies)	No data available	No data available
Partition coefficient	No data available	No data available
Autoignition Temperature	No data available	No data available
Decomposition Temperature	No data available	No data available
Kinematic viscosity	No data available	No data available
Dynamic viscosity	No data available	No data available

**OTHER INFORMATION**

softening point	No information available
Molecular Weight	No information available
VOC content (%)	No information available
Density	No information available
Bulk Density	No information available

**Section 10: Stability and reactivity**

**Reactivity**

Reactivity	No information available.
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### Chemical Stability

**Stability** Stable under normal conditions.

### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

**Hazardous Polymerisation** Hazardous polymerisation does not occur.

### Conditions to Avoid

**Conditions to avoid** None known based on information supplied.

### Incompatible Materials

**Incompatible materials** None known based on information supplied.

### Hazardous decomposition products

**Hazardous decomposition products** Carbon oxides. Nitrogen oxides (NOx). Oxides of sulphur. Fluorinated oxides.

## Section 11: Toxicological information

### Acute Toxicity

#### Information on Likely Routes of Exposure

#### **Product Information**

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

**Symptoms** No information available.

#### Numerical Measures of Toxicity - Product information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 34,782.00 mg/kg

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
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Sodium chloride	= 3 g/kg ( Rat )	> 10 g/kg ( Rabbit )	> 42 g/m <sup>3</sup> ( Rat ) 1 h
Polyethylene Glycol	= 22 g/kg ( Rat ) = 28 g/kg ( Rat )	> 20 mL/kg ( Rabbit ) > 20 g/kg ( Rabbit )	-
Magnesium chloride	= 2800 mg/kg ( Rat )	-	-

See section 16 for terms and abbreviations

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**Section 12: Ecological information**

**Ecotoxicity**

**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish	Toxicity to Micro-organisms	Crustacea
Sodium chloride	-	LC50 (96h) static = 12946 mg/L Lepomis macrochirus LC50 (96h) static 6020 - 7070 mg/L Pimephales promelas LC50 (96h) flow-through 5560 - 6080 mg/L Lepomis macrochirus LC50 (96h) static 6420 - 6700 mg/L Pimephales promelas LC50 (96h) semi-static = 7050 mg/L Pimephales promelas LC50 (96h) flow-through 4747 - 7824 mg/L Oncorhynchus mykiss	-	EC50 (48h) Static 340.7 - 469.2 mg/L Daphnia magna EC50 (48h) = 1000 mg/L Daphnia magna
Polyethylene Glycol	-	LC50 (24h) > 5000 mg/L Carassius auratus	-	-
Magnesium chloride	EC50 (72h) = 2200 mg/L Desmodesmus subspicatus	LC50 (96h) static = 4210 mg/L Gambusia affinis LC50 (96h) static 1970 - 3880 mg/L Pimephales promelas	-	EC50 (48h) Static = 140 mg/L Daphnia magna EC50 (24h) = 1400 mg/L Daphnia magna



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**Persistence and Degradability**

No information available.

**Bioaccumulative potential**

**Bioaccumulation** No information available.

**Mobility**

**Mobility in Soil** No information available.

**Mobility** No information available.

**Other Adverse Effects**

**Other Adverse Effects** No information available.

**Section 13: Disposal considerations**

**Waste Treatment Methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**Section 14: Transport information**

**ADG** NOT REGULATED

**IATA** NOT REGULATED

**IMDG** NOT REGULATED

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE**  
No information available

**Section 15: Regulatory information**

**REGULATORY INFORMATION**

**National Regulations**

**Australia**

See section 8 for national exposure control parameters

**Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

No poisons schedule number allocated



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**International Inventories**

TSCA	Complies
DSL/NDSL	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

**International regulations**

Ozone-depleting substances (ODS) Not Applicable

Persistent Organic Pollutants Not Applicable

Export Notification requirements Not Applicable

**Section 16: Any other relevant information**

Revision date 04-Apr-2018

**Revision note**

No information available.

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend SECTION 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
c	carcinogen		

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**