SAFETY DATA SHEET

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

Product name ANSULEX LPH R-102 LIQUID AGENT

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product name	ANSULEX LPH R-102 LIQUID AGENT
Product code	079372

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

For further information, please contact

Product Stewardship at +1-715-735-7411

E-mail address	psra@jci.com

Emergency telephone number

612 9037 2994 (Australia)

Section 2: Hazard(s) identification

GHS Classification

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

Label elements

Signal word
None

Hazard statements
Not a hazardous substance or mixture according to the Globally Harmonised System (GHS)

Other hazards which do not result in classification

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

Substance

Not applicable

Mixture

Chemical name	CAS No.	Weight-%
Potassium Acetate	127-08-2	30 - 40%
Non-hazardous ingredients	Proprietary	Balance

Section 4: First aid measures

Description of first aid measures

Emergency telephone number Poisons Information Centre, Australia: 13 11 26
Poisons Information Centre, New Zealand: 0800 764 766

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.

Skin contact Wash skin with soap and water.

Ingestion Rinse mouth.

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 doctors 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.

Hazardous combustion products Carbon oxides. Nitrogen oxides (NOx).

Special protective actions for fire-fighters

Special protective equipment and precautions 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	Do not flush into surface water or sanitary sewer system. 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.
Reference to other sections	See section 8 for more information. See section 13 for more information.

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.

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 information available
Colour	light green
Odour	Vinegar.
Odour threshold	No information available

Property	**Values**	**Remarks • Method**
pH	7.7 - 8.7	None known
Melting point / freezing point	< - 60 °C	None known
Initial boiling point and boiling range	100 °C	
Flash point	> 100 °C	
Evaporation rate	No information available	None known
Flammability	No information available	None known
Flammability Limit in Air		No data available
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapour pressure	No information available	None known
Relative vapour density	No information available	.? (air = 1)
Relative density	1.33	None known
Water Solubility	Soluble in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	No information available	None known
Autoignition temperature	No information available	None known
Hyphen	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other information

Softening point	Not applicable
Molecular weight	Not applicable
VOC content	No information available
Liquid Density	1.32 g/cm3
Bulk density	Not applicable

Section 10: Stability and reactivity

Reactivity

Reactivity No information available.

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 None known based on information supplied.

Section 11: Toxicological information

11.1. Information on likely routes of exposure

Product information No data available

Inhalation No data available.

Eye Contact No data available.

Skin contact No data available.

Ingestion No data available.

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Potassium Acetate 127-08-2	= 3250 mg/kg (Rat)	> 20000 mg/kg (Rabbit)	-

11.2. Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

11.3.

Carcinogenicity No information available.
Reproductive Toxicity No information available.
STOT - Single Exposure No information available.
STOT - Repeated Exposure No information available.
Aspiration Hazard No information available.

11.4. Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral) 10,740.30
ATEmix (oral) 10740 mg/kg
ATEmix (dermal) 52,881.70 mg/kg

Section 12: Ecological information

Ecotoxicity

Aquatic ecotoxicity The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Potassium Acetate	-	LC50: =6800mg/L (96h, Oncorhynchus mykiss)	-	-

Concentrate

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test	Oncorhynchus mykiss (rainbow trout)	NOEC	EC50 >1000 mg/L	hours 96	1000 mg/l
OECD Test No. 203: Fish, Acute Toxicity Test	Brachydanio rerio	NOEC	EC50 >1000 mg/L	hours 96	1000 mg/l
	Daphnia magna	NOEC	EC50 (48hr): >1000 mg/L	hours 48	(48hr): 1000 mg/l
OECD Test No. 201: Freshwater Algae and Cyanobacteria, Growth Inhibition Test	Pseudokirchneriella subcapitata	NOEC	IC50: > 1000 mg/L	hours 72	(72hr): 500 mg/l

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

Disposal 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 and the IBC Code
No information available

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

New Zealand
EPA New Zealand HSNO approval code or group standard To be determined

Australia
See section 8 for national exposure control parameters

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)
No poisons schedule number allocated

International Inventories

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

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
NZIoC - New Zealand Inventory of Chemicals
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals

International Regulations

Ozone-depleting substances (ODS) Not Applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Section 16: Any other relevant information

Revision date 02-Nov-2023

Revision Note
15.

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
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End of Safety Data Sheet