

1. Identification of the substance/preparation and company/undertaking

Product name: Sar-Gel paste
Australian distributor: Spill Crew Australia
Address: 48 Murray Road North
 Welshpool Australia
Tel/Fax number: Tel: 1300 485 000
 Fax: (08) 9258 5833
 Emergency tel: (61) 411 166 586
Email: sales@spillcrew.com.au
Recommended use: Water / phase separation indicating paste. Laboratory use, manufacture of substances

2. Hazards identification

Hazard classification: Toxicological properties are not known.

Signal Word(s)

WARNING

Pictogram(s)

Exclamation mark


Hazard and precautionary statements

P285	In case of inadequate ventilation wear respiratory protection.
P302+P352	If on skin, wash with plenty of soap and water.
P305B	If I eyes, separate eyelids with finger tips.
P314	Get medical advice/attention if you feel unwell.
P335	Brush off loose particles from skin.
P351	Rinse cautiously with water for several minutes.

3. Composition/information on ingredients

Note: Items listed with a CASRN have no CAS # available

Ingredients:	Name	EINECS	CAS	Proportion
	Calcium oxide	215-138-9	0001305788	6 – 10%
	Phenolphthalein	201-004-7	0000077098	0 – 5%
	Poly(ethylene oxide)	Unknown	0025322683	41 – 50%
	Poly(oxy(methyl-1, 2-ethanediyl)), alpha-hydro- omega-hydroxy-	Unknown	0025322694	41 – 50%
	Silicon oxide	231-545-4	0007631869	6 – 10%



4. First aid measures

Inhalation:	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Eye contact:	For even minor eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Obtain emergency medical attention. Prompt action is essential.
Skin contact:	Not expected to present a significant skin hazard under anticipated conditions of normal use. However, if exposure occurs, wash skin thoroughly with mild soap and water.
Ingestion:	Ingestion unlikely. However, if ingested, obtain emergency medical attention.
Emergency medical treatment procedures:	Treat symptomatically.
First aid measures:	Brush off the skin. Contact medical personnel if discomfort persists.

5. Fire-fighting measures

Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray or water fog
Special firefighting procedures:	No special procedures required. Fire should be extinguished as quickly as possible with any of the above recommended extinguishing media.
Fire and explosion hazards:	Do not throw into fire; potentially combustible ingredients may ignite, causing fire to spread, increasing risk of burns/injuries.
Other information:	Flash point: > 110C° Method: TCC UEL: no data LEL: no data Auto-ignition temperature: no data Flammability classification: no data Flame propagation rate: no data Hazardous combustion products: possible flammable vapour

6. Accidental release measures

Emergency procedures:	Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.
Precautions if material is spilled or released:	No significant environmental hazard resulting from an accidental release of this material is anticipated. Wear appropriate personal protective equipment during clean-up of spilled material.

7. Handling and storage

Keep out of reach of children. Keep tube tightly closed when not in use. Protect against moisture contamination and exposure to high temperatures. Prevent contact with strong oxidising agents.

**8. Exposure controls/personal protection****OSHA (ACGIH) exposure limits:**

CAS#		TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m ³	ppm	mg/m ³
CAS# 0000077098	IDLH: NE						
	OSHA	NE	NE	NE	NE	NE	NE
	ACGIH	NE	NE	NE	NE	NE	NE
CAS# 0001305788	IDLH: 25 mg/m ³						
	OSHA	NC	5	-	-	-	-
	ACGIH	-	2	-	-	-	-
CAS# 0007631869	IDLH: 3000 mg/m ³						
	OSHA	NC	80c	-	-	-	-
	ACGIH	-	-	-	-	-	-
CAS# 0025322683	IDLH: NE						
	OSHA	NE	NE	NE	NE	NE	NE
	ACGIH	NE	NE	NE	NE	NE	NE
CAS# 0025322694	IDLH: NE						
	OSHA	NE	NE	NE	NE	NE	NE
	ACGIH	NE	NE	NE	NE	NE	NE

*NC = not classified

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product.

Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

9. Physical and chemical properties

Formula:	Mixture
Appearance:	White/pink viscous paste
Odour:	Little or no odour
Specific gravity:	1.16
Boiling point:	No data
Melting point:	No data
Solubility in water:	Appreciable
pH:	9
Vapour pressure:	No data
Vapour density (Air=1):	No data



10. Stability and reactivity

Chemical stability:	Stable under normal conditions of storage and handling
Conditions to avoid:	None
Incompatible materials:	No data
Hazardous decomposition products:	No data
Hazardous polymerisation:	Will not occur.

11. Toxicological information

Toxicology information:	No toxicity data available for this material.
Inhalation:	Although no appropriate human or animal health effects data are known to exist, this material is not expected to be an inhalation hazard.
Eye contact:	Although no appropriate human or animal health effects data are known to exist, this material is expected to be corrosive to the eyes. May cause destruction of eye tissue. Symptoms may include burning, tearing, redness and swelling.
Skin absorption:	Although no appropriate human or animal health effects data are known to exist, this material is expected to be a slight skin absorption hazard. Extensive/prolonged or repeated exposure to this material can result in significant absorption.
Skin irritation:	This material is not expected to cause skin irritation based on available test data.
Ingestion:	Although no appropriate human or animal health effects data are known to exist, this material is expected to be an ingestion hazard. Ingestion of this material may cause corrosion or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Medical conditions aggravated by exposure:	This material or its emissions may cause damage to kidney and liver and/or aggravate existing disorders.
Physical hazards:	None
Acute health effects (short-term):	Suspect eye corrosive hazard Not a skin irritant based on available data Not expected to be an inhalation hazard Suspect slight skin absorption hazard Suspect skin sensitisation hazard Suspect ingestion hazard; corrosive
Chronic health effects (long-term):	No data is available on the chronic health effects of this product.

12. Ecological information

Ecological information:	No ecological data available for this material
--------------------------------	--



13. Disposal considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste code	Regulated name
0000077098	Not listed	Not listed
0001305788	Not listed	Not listed
0007631869	Not listed	Not listed
0025322683	Not listed	Not listed
0025322694	Not listed	Not listed

Waste disposal methods: When discarded in its purchased form, this product is not a RCRA hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. Comply with all federal, state and local regulations. Waste disposal options include landfill solids at permitted sites. Use registered transportation.

14. Transport information

Proper shipping name: Not regulated
Chemical name:
UN:
Class:
PG:

15. Regulatory information

All components of this product are on the TSCA public inventory

16. Other information

Last revised: March 2017
SDS created: March 2017

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Spill Crew Australia accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.

- End of SDS -