

Attachment for**SAR-GEL PASTE****MSDS****Importer/Distributor:**

Brenntag New Zealand Limited
75 France Street, Eden Terrace, Auckland, 1010

Telephone: 09 275 0745 (Business Hours)
0800 243 622 (After Hours Emergency)

Facsimile: 09 275 0746

Hazardous Classification: Classified as hazardous according to HSNO New Zealand 2008 criteria

Group Standard: HSNO Approval Number HSR002512 - Additives, Process Chemicals and Raw Materials (Toxic [6.7]) Group Standard 2006

Approved handler requirement for HSNO 6.7A substances

When present in quantities greater than **10 L** or **10 kg**, a HSNO 6.7A substance must be—

(a) under the personal control of an approved handler who holds a current test certificate to manage HSNO class 6 substances; or

(b) secured so that a person cannot gain access to the substance without tools, keys or any other device used for operating locks.

Tracked: Yes (6.7A)

Signal word: Danger

Hazard classification

6.1D – Acute toxicity: Oral
6.3A – Skin corrosion/irritation
8.3A – Serious eye damage/eye irritation
6.6B – Germ cell mutagenicity
6.7A – Carcinogenicity
6.8B - Toxic to reproduction
9.3C – Ecotoxic to terrestrial vertebrates

Hazard statements

H302 – Harmful if swallowed
H315 - Causes skin irritation
H318 - Causes serious eye damage
H341 – Suspected of causing genetic defects.

H350 – May cause cancer.
H361 – Suspected of damaging fertility or the unborn child.
H433 – Harmful to terrestrial vertebrates

Prevention and response statements

P201 – Obtain special instructions before use
P202 – Do not handle until all safety precautions have been read and understood
P264 – Wash hands thoroughly after handling
P270 – Do not eat, drink or smoke when using this product
P280 - Wear protective gloves and eye/face protection
P281 – Use personal protective equipment as required
P301+312 – IF SWALLOWED, Call a POISON CENTRE or doctor/physician if you feel unwell
P330 – Rinse mouth
P302+352 - IF ON SKIN, wash with plenty of soap and water.
P321 - Specific treatment (see section 4 – First Aid Measures - this MSDS)
P332+313 – If skin irritation occurs, get medical advice/attention
P362 - Take off contaminated clothing and wash before re-use
P305+351+338 – IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 – Immediately call a POISON CENTRE or doctor/physician
P308+313 – IF exposed or concerned: Get medical advice/attention.
.P405 – Store locked up
P273 – Avoid release to the environment
P501 - Dispose of contents/containers in accordance with local regulation

Dangerous Goods Classification: Not classified as a dangerous good for transport according to NZS 5433:2012

Exposure Standards: According to New Zealand ‘Workplace Exposure Standards 2013’:

| Substance | CAS # | TWA | | STEL | |
|---------------|-------------|-----|-------------------|------|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| Calcium Oxide | [1305-78-8] | - | 2 | - | - |

NZIoC: All hazardous components listed on NZIoC or in compliance.

This attachment must be read in conjunction with the attached MSDS.

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, CO₂, 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 -