

## GELWHITE-H

Version 1.0  
SDS\_AU

Revision Date: 30.07.2026

Date of last issue: -  
Print Date 05.08.2026

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : GELWHITE-H  
Product code : 000000000000152977

**Manufacturer or supplier's details**

Company : BYK USA LLC  
Address : South Cherry Street 524  
06492 Wallingford  
Telephone : +1 203-265-2086  
Telefax :  
E-mail address : BRIEF.BYK.NAFTA@altana.com  
Emergency telephone number : 18000 74234 (toll –free number, access from Australia  
only)  
+61 2 8014 4558

**Importer**

Company : Alchemy Agencies Pty Ltd  
Level 15, 28 Freshwater Place  
Southbank, Victoria, Australia 3006  
Tel: +61 3 9116 6359

Use of the Sub-  
stance/Mixture : Rheology Additive

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Carcinogenicity : Category 1A

**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H350 May cause cancer.

Precautionary statements : **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read  
and understood.

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P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

**Response:**

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards which do not result in classification**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Substance  
Chemical nature : Highly purified phyllosilicate  
  
Substance name : Bentonite  
  
CAS-No. :  
Not Assigned

**Components**

| Chemical name              | CAS-No.    | Concentration (% w/w) |
|----------------------------|------------|-----------------------|
| calcium sulfate            | 7778-18-9  | >= 3 -< 5             |
| Quartz (SiO <sub>2</sub> ) | 14808-60-7 | >= 0.5 -< 1           |

**SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and plenty of water.  
If skin irritation persists, call a physician.  
Wash contaminated clothing before re-use.

In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.

If swallowed : Induce vomiting immediately and call a physician.  
Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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|                                                             |   |                                                                                          |
|-------------------------------------------------------------|---|------------------------------------------------------------------------------------------|
| Most important symptoms and effects, both acute and delayed | : | If symptoms persist, call a physician.<br>No information available.<br>May cause cancer. |
| Notes to physician                                          | : | Treat symptomatically.                                                                   |

**SECTION 5. FIREFIGHTING MEASURES**

|                                               |   |                                                                                                                                                   |
|-----------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                  | : | Water<br>Foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical                                                                                |
| Unsuitable extinguishing media                | : | High volume water jet                                                                                                                             |
| Specific hazards during fire-fighting         | : | The product itself does not burn.                                                                                                                 |
| Hazardous combustion products                 | : | No hazardous combustion products are known                                                                                                        |
| Specific extinguishing methods                | : | Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary.                                                                            |

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

|                                                                     |   |                                                                                                                                                                                         |
|---------------------------------------------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Avoid dust formation.<br>Avoid breathing dust.                                                                                                    |
| Environmental precautions                                           | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up               | : | Keep in suitable, closed containers for disposal.                                                                                                                                       |

**SECTION 7. HANDLING AND STORAGE**

|                                                 |   |                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on protection against fire and explosion | : | Avoid dust formation.<br>Provide appropriate exhaust ventilation at places where dust is formed.                                                                                                                                                                                                                   |
| Advice on safe handling                         | : | Avoid formation of respirable particles.<br>Do not breathe vapours/dust.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Dispose of rinse water in accordance with local and national regulations. |
| Hygiene measures                                | : | When using do not eat or drink.<br>When using do not smoke.                                                                                                                                                                                                                                                        |

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Conditions for safe storage : Wash hands before breaks and at the end of workday.  
Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

| Components                 | CAS-No.                                                                                     | Value type<br>(Form of exposure)    | Control parameters / Permissible concentration | Basis  |
|----------------------------|---------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------|--------|
| calcium sulfate            | 7778-18-9                                                                                   | TWA                                 | 10 mg/m <sup>3</sup>                           | AU OEL |
|                            |                                                                                             | TWA (Inhalable particulate matter)  | 10 mg/m <sup>3</sup><br>(Calcium)              | ACGIH  |
| Quartz (SiO <sub>2</sub> ) | 14808-60-7                                                                                  | TWA (Respirable dust)               | 0.05 mg/m <sup>3</sup>                         | AU OEL |
|                            | Further information: Category 1A (Carc. 1A) Known to have carcinogenic potential for humans |                                     |                                                |        |
|                            |                                                                                             | TWA (Respirable particulate matter) | 0.025 mg/m <sup>3</sup><br>(Silica)            | ACGIH  |

**Personal protective equipment**

Filter type : Filter type P

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.  
Dust safety masks are recommended when the dust concentration is more than 10 mg/m<sup>3</sup>.

Hand protection

Material : Protective gloves

Remarks : Wear suitable gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Skin and body protection : Dust impervious protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : powder

Colour : off-white

Odour : odourless

Odour Threshold : Not applicable

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|                                                  |   |                                                                             |
|--------------------------------------------------|---|-----------------------------------------------------------------------------|
| pH                                               | : | 9.5 - 10.5 (20 °C)<br>Concentration: 2 %<br>Method: DIN 19268 (2% in water) |
| Melting point/freezing point                     | : | Not applicable                                                              |
| Boiling point/boiling range                      | : | Not applicable                                                              |
| Flash point                                      | : | Not applicable                                                              |
| Evaporation rate                                 | : | Not applicable                                                              |
| Flammability (solid, gas)                        | : | Does not sustain combustion.                                                |
| Self-ignition                                    | : | Not applicable                                                              |
| Upper explosion limit / Upper flammability limit | : | Upper flammability limit<br>Not applicable                                  |
| Lower explosion limit / Lower flammability limit | : | Lower flammability limit<br>Not applicable                                  |
| Vapour pressure                                  | : | Not applicable                                                              |
| Relative vapour density                          | : | Not applicable                                                              |
| Relative density                                 | : | No data available                                                           |
| Density                                          | : | 2.6 g/cm <sup>3</sup> (20 °C, 1,013 hPa)                                    |
| Solubility(ies)<br>Water solubility              | : | No data available                                                           |
| Partition coefficient: n-octanol/water           | : | No data available                                                           |
| Auto-ignition temperature                        | : | No data available                                                           |
| Decomposition temperature                        | : | No data available                                                           |
| Viscosity<br>Viscosity, dynamic                  | : | Not applicable                                                              |
| Viscosity, kinematic                             | : | Not applicable                                                              |
| Surface tension                                  | : | No data available                                                           |
| Minimum explosible dust concentration            | : | Not applicable                                                              |

**SECTION 10. STABILITY AND REACTIVITY**

|                                |   |                                                     |
|--------------------------------|---|-----------------------------------------------------|
| Reactivity                     | : | No decomposition if stored and applied as directed. |
| Chemical stability             | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reac- | : | No decomposition if stored and applied as directed. |

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|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| tions                            | Dust may form explosive mixture in air.               |
| Conditions to avoid              | : No data available                                   |
| Incompatible materials           | : None known.                                         |
| Hazardous decomposition products | : No decomposition if stored and applied as directed. |

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified due to lack of data.

**Product:**

Acute oral toxicity : Remarks: No data available

**Skin corrosion/irritation**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Serious eye damage/eye irritation**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Respiratory or skin sensitisation****Skin sensitisation**

Not classified due to lack of data.

**Respiratory sensitisation**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Chronic toxicity****Germ cell mutagenicity**

Not classified due to lack of data.

**Product:**

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Result: No data available

**Carcinogenicity**

May cause cancer.

**Product:**

Remarks : No data available

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**Reproductive toxicity**

Not classified due to lack of data.

**Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

**STOT - single exposure**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**STOT - repeated exposure**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Repeated dose toxicity****Product:**

Remarks : No data available

**Aspiration toxicity**

Not classified due to lack of data.

**Product:**

No data available

**Further information****Product:**

Remarks : No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to fish :  
Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates :  
Remarks: No data available

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Biodegradability : Remarks: No data available

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable

**IATA-DGR**

UN/ID No. : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Packing instruction (cargo aircraft) : Not applicable  
Packing instruction (passenger aircraft) : Not applicable

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**IMDG-Code**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
EmS Code : Not applicable  
Marine pollutant : Not applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations****ADG**

UN number : Not applicable  
Proper shipping name : Not applicable  
Class : Not applicable  
Subsidiary risk : Not applicable  
Packing group : Not applicable  
Labels : Not applicable  
Hazchem Code : Not applicable

**Special precautions for user**

Not applicable

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**SECTION 15. REGULATORY INFORMATION**

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

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**SECTION 16. OTHER INFORMATION**

Revision Date : 30.07.2026  
Date format : dd.mm.yyyy

**Full text of other abbreviations**

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

ACGIH / TWA : 8-hour, time-weighted average  
AU OEL / TWA : Exposure standard - time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised Sys-

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tem; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this 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.

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