



# Safety Data Sheet

## ProVis HYB

Last Revised Jun '23

Supersedes  
Version

### Section 1. Product and Company Identification

|                         |  |
|-------------------------|--|
| Product ID/Product Name | ProVis HYB   |
| Recommended Use         | Well Drilling  |
| Supplier Information    | ProAction Fluids<br>3090 Stage Coach Rd<br>Keithville, LA. 71047 |
| In case of emergency    | (866)-290-5029   |

### Section 2. Hazards Identification

| GHS Classification  |  |
|---|--|
| Health Hazards  | Physical Hazards   |
| Acute Toxicity  | Not Determined   |
| Skin Corrosion/Irritation   | Not Determined   |
| Carcinogenicity   | Not Determined   |
| Eye Damage/Eye Irritation   | Not Determined   |
| GHS Labels:   | Signal Word:   |
|   | <b>WARNING</b>   |
| Hazard Statements   | Precautionary Statements   |
| Causes skin irritation, serious eye damage, may cause cancer, causes damage to organs through prolonged or repeated exposure. | Do no breath dust. Wear protective gloves, clothing, and eye protection. |

### Section 3. Composition / Information on Ingredients

| Ingredient(s)            | CAS #       | EINECS # | Concentration (%) |
|--------------------------|-------------|----------|-------------------|
| Silica, amorphous        | 7631-86-9   |          | 38.4-66%          |
| Water                    | 7732-18-5   |          | 8-20%             |
| Aluminium oxide, hydrate | 1333-84-2   |          | 10.56-19%         |
| Quartz                   | 14808-60-7  |          | 1-5%              |
| Iron oxides              | 1332-37-2   |          | 1.5-4.5%          |
| Sodium oxide             | 1313-59-3   |          | .9-1, 1-3.5%      |
| Calcium oxide            | 1305-78-8   |          | .3-1, 1-2.5%      |
| Magnesium oxide          | 1309-48-4   |          | .48-2%            |
| Silica, cristobalite     | 14464-46-1  |          | .1-1%             |
| Tridymite                | 155468-32-3 |          | .1-1%             |
| Potassium oxide          | 12136-45-7  |          | .12-.7%           |
| Titanium dioxide         | 13463-45-7  |          | .06-.1, .1-.2%    |

### Section 4. First Aid Measures

|              |  |
|--------------|--|
| Eye Contact  | Rinse cautiously with water for at least 3-10 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.          |
| Skin Contact | Remove contaminated clothing. Flush with plenty of water for at least 3-10 minutes. Seek medical advice if irritation develops or persists. Wash contaminated clothing before reuse. |

|                   |  |
|-------------------|--|
| <b>Inhalation</b> | Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists. |
| <b>Ingestion</b>  | Do not induce vomiting. Rinse mouth. Seek medical attention if any problems arise.   |
| <b>General</b>    | Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.  |

| <b>Section 5. Firefighting Measures</b>     |   |
|---|---|
| <b>Suitable Extinguishing Media</b>         | Alcohol-resistant foam. Dry chemical. Carbon dioxide.                                       |
| <b>Unsuitable Extinguishing Media</b>       | Do not use a heavy water stream.  |
| <b>Hazards Arising From The Chemical</b>    | Reacts with water.  |
| <b>Protective Actions For Fire-Fighters</b> | Do not enter fire are without proper protective equipment, including respiratory protection |

| <b>Section 6. Accidental Release Measures</b>             |   |
|---|---|
| <b>Personal Precautions And Protective Equipment</b>      | Avoid all contact with skin, eyes, or clothing. Avoid breathing dust. Use appropriate personal protection equipment (PPE).  |
| <b>Environmental Precautions</b>                          | Prevent entry to sewers and public waters.  |
| <b>Methods And Materials for Containment and Clean Up</b> | Contain and collect as any solid. Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. |

| <b>Section 7. Handling and Storage</b> |  |
|--|--|
| <b>Handling Precautions</b>            | Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.  |
| <b>Storage Conditions</b>              | Store in a dry, cool, and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures, and incompatible materials such as water and strong acids and oxidizers. |

| <b>Section 8. Exposure Controls / Personal Protection</b> |   |              |                        |
|---|---|--------------|------------------------|
| <b>Occupational Exposure Limit(s)</b>                     | <b>Ingredient</b>   | <b>CAS #</b> | <b>Exposure Limit</b>  |
|   | Silica, amorphous   | 7631-86-9    | 6 mg/m <sup>3</sup>    |
|   | Iron oxides   | 13332-37-2   | 5 mg/m <sup>3</sup>    |
|   | Magnesium oxide   | 1309-48-4    | 15 mg/m <sup>3</sup>   |
|   | Calcium oxide   | 1305-78-8    | 5 mg/m <sup>3</sup>    |
|   | Titanium Dioxide  | 13463-67-7   | 15 mg/m <sup>3</sup>   |
|   | Silica, cristobalite  | 14464-46-1   | .025 mg/m <sup>3</sup> |
|   | Tridymite   | 15468-32-3   | .05 mg/m <sup>3</sup>  |
|   | Quartz  | 14808-60-7   | .025 mg/m <sup>3</sup> |
| <b>Engineering Controls</b>                               | Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains should be       |              |                        |
| <b>Personal Protection Measures</b>                       | Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection. |              |                        |

| <b>Section 9. Physical and Chemical Properties</b> |               |                                 |               |
|--|---------------|---------------------------------|---------------|
| <b>Physical State</b>                              | Solid         | <b>Flammability</b>             | Not available |
| <b>Colour</b>                                      | Grey          | <b>Flammability LEL/UEL</b>     | Not available |
| <b>Odour</b>                                       | Earthy        | <b>Viscosity @ 25°C (cSt)</b>   | Not available |
| <b>Odour Threshold</b>                             | Not available | <b>Vapour Pressure (@ 20°C)</b> | Not available |
| <b>pH</b>  | Not available | <b>Vapour Density [Air = 1]</b> | Not available |
| <b>Melting Point (°C/°F)</b>                       | Not available | <b>Density (g/cm3)</b>          | 2.65          |

|                        |               |                           |                  |
|------------------------|---------------|---------------------------|------------------|
| Freezing Point (°C/°F) | Not available | Solubility                | Water: insoluble |
| Boiling Point (°C)     | Not available | Auto-Ignition Temperature | Not available    |
| Flash Point (°C/°F)    | Not available | Decomposition Temperature | Not available    |
|                        |               | Particle Size             | Not available    |

## Section 10. Stability and Reactivity

|                                  |   |
|----------------------------------|---|
| Chemical Reactivity/Stability    | Reacts with water. Hazardous reactions may occur on contact with certain chemicals. Refer |
| Conditions to Avoid              | Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible       |
| Incompatible Materials           | Strong acids. Strong oxidizers. Water.  |
| Hazardous Decomposition Products | The decomposition products are corrosive and hazardous to health.                         |

## Section 11. Toxicological Information

|   |   |   |
|---|---|---|
| Likely Routes of Exposure   | -   |   |
|   | <b>Acute Symptoms / Effects</b>                         | <b>Chronic Symptoms / Effects</b>           |
| Eye Contact   | Redness, pain, swelling, itching, burning, tearing, and | Serious eye damage.                         |
| Skin Contact  | Redness, pain, swelling, itching, burning, dyness, and  | Serious skin damage.                        |
| Inhalation  | Respiratory irritation.                                 | Cause lung damage in the form of silicosis. |
| Ingestion   | Likely to be harmful or have adverse effects.           | May cause damage to organs.                 |
| Germ Cell Mutagenicity/Carcinogenicity/Reproductive Toxicity/STOT | Not classified/May cause cancer/Not classified/Causes   |   |
| <b>Ingredient</b>   | <b>Numerical Measures of Toxicity</b>                   |   |
| Silica, amorphous   | LD50 Oral Rat: >5000 mg/kg                              |   |
|   | LD50 Dermal Rabbit: >2000 mg/kg                         |   |
|   | LC50 Inhalation Rat: > 2.2 mg/l                         |   |
| Titanium dioxide  | LD50 Oral Rat: >10000 mg/kg                             |   |
| Calcium oxide   | LD50 Oral Rat: >2000 mg/kg                              |   |
|   | LD50 Dermal Rabbit: >2500 mg/kg                         |   |
| Quartz  | LD50 Oral Rat: >5000 mg/kg                              |   |
|   | LD50 Dermal Rat: >5000 mg/kg                            |   |

## Section 12. Ecological Information

|                           |   |  |
|---------------------------|---|--|
| Toxicity                  | No additional information available.          |  |
| Persistence/Degradability | Not available.                                |  |
| Mobility in Soil          | Not available.                                |  |
| Bioaccumulative Potential | No bioaccumulation expected.                  |  |
| <b>Ingredient</b>         | <b>Numerical Measures of Toxicity (acute)</b> |  |
| Calcium oxide             | LC50 Fish 1: 1070 mg/l                        |  |
|                           | LC50 Fish 1: 5000 mg/l                        |  |
|                           | EC50 Daphnia 1: 7600 mg/l                     |  |
| Silica, amorphous         | LC50 Fish 1: 1070 mg/l                        |  |
|                           | LC50 Fish 1: 5000 mg/l                        |  |
|                           | EC50 Daphnia 1: 7600 mg/l                     |  |

## Section 13. Waste Disposal Considerations

Follow all local and national waste management regulations. Consult your local waste authorities for information.

## Section 14. Transport Information

| IATA                       |               | U.S. D.O.T.                |               |
|----------------------------|---------------|----------------------------|---------------|
| UN Number                  | Not Regulated | UN Number                  | Not Regulated |
| UN Proper Shipping Name    | Not Regulated | UN Proper Shipping Name    | Not Regulated |
| Hazard Class/Packing Group | Not Regulated | Hazard Class/Packing Group | Not Regulated |
| E.R.G. Number              | Not Regulated | E.R.G. Number              | Not Regulated |
| Special Precautions        | None          |                            |               |

## Section 15. Regulatory Information

### Precautionary Label Information

|                  | HMIS | NFPA | Causes skin irritation, serious eye damage, may cause cancer, causes damage to organs through prolonged or repeated exposure. |
|------------------|------|------|---|
| Health           | 2    | 2    |   |
| Flammability     | 1    | 1    |   |
| Reactivity       | 0    | 0    |   |
| Protection       | E    | E    |   |
| Hazard Symbol(s) |      |      |   |

## Section 16. Other Information

### Specification Information

|   |  |
|---|--|
| Department/Person Responsible for Content | PAF HDD Department   |
| Email Address                             | <a href="mailto:info@proactionfluids.com">info@proactionfluids.com</a> |
| Training Required for Use of Product      | None   |
| Intended Use of Product                   | HDD Chemical   |
| Reason for last reissue of SDS            | New product  |

*This product is intended of use by skilled individuals familiar with the intended use and application of the product. Product users do so at their own risk. The information contained herein is based on data considered to be accurate based on the current state of available knowledge. No warranty is expressed or implied regarding the accuracy of the data herein or the results to be obtained by the use thereof.*



[www.proactionfluids.com](http://www.proactionfluids.com)

3090 Stage Coach Rd  
 Keithville, LA. 71047.  
 (318) 550-0147

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