

LAB1

RESEARCH REAGENTS · DERIDDER, LOUISIANA

SAFETY DATA SHEET

16-section format · 29 CFR 1910.1200 (OSHA HCS)

Research H2O — 0.9% Benzyl Alcohol, 1 × 51 ml

Aqueous research diluent · Made in USA · For laboratory and research use only

|         |               |               |                   |
|---------|---------------|---------------|-------------------|
| VERSION | DATE OF ISSUE | REVISION DATE | EMERGENCY (24 H)  |
| 4       | 06-19-2025    | 07-01-2026    | +1 (833) 233-5221 |

01 IDENTIFICATION

|                    |                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------|
| Product identifier | 1 × 51 ml Research H2O, 0.9% Benzyl Alcohol — Made in USA                                        |
| Intended use       | For laboratory and research use only. <b>Not made for human consumption.</b>                     |
| Manufacturer       | LAB1, 723 West Drive, Deridder, LA 70634, USA · <a href="http://www.lab1x.com">www.lab1x.com</a> |
| Emergency contact  | +1 (833) 233-5221                                                                                |

02 HAZARD IDENTIFICATION

|                                                                                                                                       |             |                   |               |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|---------------|
| <div>NOT CLASSIFIED</div> <div>This material does not meet the criteria for classification as hazardous under 29 CFR 1910.1200.</div> |             |                   |               |
| PICTOGRAMS                                                                                                                            | SIGNAL WORD | HAZARD STATEMENTS | PRECAUTIONARY |
| None                                                                                                                                  | None        | None              | None          |

|               |                                                                                                                                    |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|
| Other hazards | This substance/mixture contains no components considered to be PBT or vPvB at levels of 0.1% or higher. Not for human consumption. |
|---------------|------------------------------------------------------------------------------------------------------------------------------------|

03 COMPOSITION / INFORMATION ON INGREDIENTS

|                |           |               |
|----------------|-----------|---------------|
| INGREDIENT     | CAS NO.   | CONCENTRATION |
| Water          | 7732-18-5 | 99.1%         |
| Benzyl alcohol | 100-51-6  | 0.9%          |

04 FIRST AID MEASURES

|              |                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------|
| Eye contact  | Rinse thoroughly with water for at least 1 minute and consult a physician.                          |
| Skin contact | Wash off with plenty of water. Consult a physician if irritation persists.                          |
| Inhalation   | Move the person to fresh air. If not breathing, give artificial respiration. Consult a physician.   |
| Ingestion    | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |
| Treatment    | Treat symptomatically.                                                                              |

05 FIRE-FIGHTING MEASURES

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| Extinguishing media  | No flammable hazards present under 200 °F.                        |
| Special hazards      | No hazardous decomposition products formed under fire conditions. |
| Protective equipment | Firefighters should wear a self-contained breathing apparatus.    |
| Further information  | Keep containers cool with water spray if exposed to fire.         |

06 ACCIDENTAL RELEASE MEASURES

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| Personal precautions      | No personal protective equipment required.                    |
| Environmental precautions | Prevent product from entering drains, water courses, or soil. |
| Clean-up methods          | Liquid product; pick up and maintain good housekeeping.       |

07 HANDLING AND STORAGE

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Handling           | Avoid formation of aerosols. Ensure good ventilation.                               |
| Fire protection    | No special protective measures required.                                            |
| Hygiene            | Handle in accordance with good industrial hygiene practice.                         |
| Storage conditions | Store in original containers. Keep tightly closed. No special precautions required. |

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

|                        |                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| Engineering controls   | Normal ventilation is sufficient.                                                                             |
| Eye protection         | Wear chemical goggles or a face shield.                                                                       |
| Skin protection        | Wear protective clothing and rubber gloves.                                                                   |
| Respiratory protection | Not normally required. Use a mist/organic vapour respirator if aerosols form in poorly ventilated conditions. |

09 PHYSICAL AND CHEMICAL PROPERTIES

|               |                                   |
|---------------|-----------------------------------|
| Appearance    | Liquid                            |
| Colour        | Colorless                         |
| Odour         | Faint / aromatic (benzyl alcohol) |
| pH            | ~6–8, nearly neutral              |
| Boiling point | ~100 °C                           |
| Melting point | Not determined                    |
| Solubility    | Soluble in water                  |

| 10 STABILITY AND REACTIVITY |                                       |
|-----------------------------|---------------------------------------|
| Reactivity                  | No hazards to be specially mentioned. |
| Chemical stability          | Stable under normal conditions.       |
| Hazardous reactions         | Not expected.                         |
| Conditions to avoid         | None known.                           |
| Incompatible materials      | None.                                 |
| Hazardous decomposition     | None expected.                        |

| 11 TOXICOLOGICAL INFORMATION      |                                         |
|-----------------------------------|-----------------------------------------|
| ENDPOINT                          | RESULT                                  |
| Acute toxicity                    | Not classified based on available data. |
| Skin corrosion / irritation       | Not classified.                         |
| Serious eye damage / irritation   | Not classified.                         |
| Germ cell mutagenicity            | Not classified.                         |
| Carcinogenicity                   | Not classified.                         |
| Reproductive toxicity             | Not classified.                         |
| STOT (single / repeated exposure) | Not classified.                         |
| Aspiration toxicity               | Not classified.                         |

| 12 ECOLOGICAL INFORMATION   |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Toxicity                    | Low expected hazard at this dilution; avoid large releases. |
| Persistence / degradability | Benzyl alcohol is readily biodegradable.                    |
| Bioaccumulative potential   | Low at this concentration.                                  |
| Mobility in soil            | High (aqueous).                                             |
| PBT / vPvB assessment       | Contains no PBT or vPvB components > 0.1%.                  |
| Other adverse effects       | Product does not increase the AOX value of wastewater.      |

| 13 DISPOSAL CONSIDERATIONS |                                                  |
|----------------------------|--------------------------------------------------|
| Product                    | Dispose of in accordance with local regulations. |
| Packaging                  | Dispose of in accordance with local regulations. |

| 14 TRANSPORT INFORMATION   |                  |
|----------------------------|------------------|
| UN number                  | Not classified   |
| UN proper shipping name    | Not classified   |
| Transport hazard class(es) | Not classified   |
| Packing group              | Not classified   |
| Environmental hazards      | Not classified   |
| Special precautions        | See sections 6–8 |
| Bulk transport             | Not applicable   |

| 15 REGULATORY INFORMATION  |                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regulatory status          | Not a hazardous chemical under the OSHA Hazard Communication Standard (29 CFR 1910.1200). Not subject to specific safety, health, or environmental regulation at this composition. |
| Chemical safety assessment | Not required.                                                                                                                                                                      |

| 16 OTHER INFORMATION                                                                                     |  |                                         |            |
|----------------------------------------------------------------------------------------------------------|--|-----------------------------------------|------------|
| SCOPE OF THIS DOCUMENT                                                                                   |  | REVISION RECORD                         |            |
| The information provided is correct to the best of our knowledge at the date of publication.             |  | Version 4 — current issue               | 07-01-2026 |
|                                                                                                          |  | Format aligned to 16-section GHS layout | 06-19-2025 |
| It is intended as guidance for safe handling, storage, and disposal, and not as a product specification. |  |                                         |            |