



# Safety Data Sheet

## Section 1: Product and Company Identification

### 1.1 Product Identifiers:

**Product Name:** ABRAXIS® Glyphosate CleanUp Reagent

**Product Code:** 500094

**1.2 Identified Use:** Preparation of samples for Glyphosate analysis. **Restrictions on Use:** For research use only.

**1.3 Company:** Gold Standard Diagnostics, 795 Horsham Road, Horsham, PA 19044 USA, info.abraxis@us.goldstandarddiagnostics.com  
+1(215) 357-3911, FAX +1(215) 357-5232

**1.4 Emergency Telephone Number:** +1(215) 357-3911

## Section 2: Hazard(s) Identification

**2.1 Classification of the substance:** Not a hazardous substance.

**2.2 GHS Label elements, including precautionary statements:** Not applicable.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS:** None known.

**2.4 Unknown acute toxicity:** None known.

## Section 3: Composition / Information on Ingredients

**3.1 Substances:** Not a hazardous substance. We recommend handling all substances with caution.

**Name and Synonym(s):** Glyphosate CleanUp Reagent (Poly[1-(2-oxo-1-pyrrolidinyl)-1,2-ethanediyl])

**Formula:** (C<sub>5</sub>H<sub>9</sub>NO)<sub>x</sub>

**CAS No.:** 25249-54-1

**Percentage:** less than or equal to 100 %

## Section 4: First Aid Measures

**4.1 Description of first aid measures:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. **If inhaled:** If breathed in, move person into fresh air and lie down. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact:** Rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes and consult a physician.

**If swallowed:** Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed:** No data available

**4.3 Indication of any immediate medical attention and special treatment needed:** No data available. Treat symptomatically.

## Section 5: Fire-fighting Measures

**5.1 Suitable extinguishing media:** Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Chemical form.

**5.2 Special hazards arising from the substance or mixture:** None known

**5.3 Advice for firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary.

**5.4 Further information:** No data available

## Section 6: Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment (see section 8). Avoid dust formation. Avoid breathing vapors, mist, dust, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**6.2 Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**6.3 Methods and materials for containment and cleaning up:** Solids (if applicable): Pick up and arrange disposal without creating dust. Sweep up and shovel. Liquids (if applicable): Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections:** For information on safe handling, see section 7.

For information on personal protection, see section 8.

For information on disposal, see section 13.

## Section 7: Handling and Storage

**7.1 Precautions for safe handling:** See section 2. Avoid inhalation of dust and contact with skin and eyes. Wear appropriate personal protective equipment. Do not eat, drink, or smoke in work area.

**7.2 Precautions for safe storage:** Keep container(s) tightly closed in a dry, well-ventilated place. Protect from physical damage. See label or product insert for appropriate storage temperature and additional specific information.

**7.3 Specific end use(s):** No data available

## Section 8: Exposure Controls / Personal Protection

**8.1 Control parameters:** Not applicable.

### 8.2 Exposure controls:

**Appropriate engineering controls:** Provide adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Keep away from food and beverages.

**Personal protective equipment:** The usual precautionary measures, including eye/face/skin protection, should be taken when handling any chemical. Avoid contact with eyes, skin, and clothing.

**Eye protection:** As with handling of any chemical, wear approved safety goggles.

**Skin protection:** Handle with gloves. No specific information regarding glove material or thickness is available, but gloves must be impermeable and resistant to the substance being handled. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Respiratory protection:** As with any chemical, where excessive vapor, mist, or dust may result, use a chemical fume hood or approved respiratory protection equipment.

**Body protection:** Lightweight, protective clothing.

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties of the substance

**Appearance:** Solid

**Odor:** Odorless

**Odor Threshold:** No data available

**pH:** 5.0 – 8.0

**Melting point/freezing point:** No data available

**Initial boiling point and boiling range:** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Flammability (solid, gas):** No data available

**Upper/lower flammability or explosive limits:** No data available

**Vapor pressure:** No data available

**Vapor density:** No data available

**Relative density:** No data available

**Water solubility:** No data available

**Partition coefficient: n-octanol/water:** No data available

**Auto-ignition temperature:** Not applicable

**Decomposition temperature:** No data available

**Viscosity:** No data available

**Explosive properties:** No data available

**Oxidizing properties:** No data available

**9.2 Other information:** No data available

## Section 10: Stability and Reactivity

**10.1 Reactivity:** No data available

**10.2 Chemical stability:** Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions:** No data available

**10.4 Conditions to avoid:** No data available

**10.5 Incompatible materials:** Strong oxidizing agents.

**10.6 Hazardous decomposition products:** Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects

**Acute toxicity:** Not available. To the best of our knowledge, the chemical, physical, and toxicological properties of this product have not been thoroughly investigated.

**Inhalation:** Not available.

**Ingestion:** Not available.

**Skin contact:** Not available. May cause irritation to skin.

**Eye contact:** Not available.

**Signs and symptoms of Exposure:** Not available.

**Respiratory or skin sensitization:** No data available

**Aspiration hazard:** No data available

**Mutagenicity:** No data available

**Carcinogenicity:** No data available

**Teratogenicity:** No data available

**Reproductive/fertility toxicity:** No data available

**Specific target organ toxicity, single exposure:** No data available

**Specific target organ toxicity, repeated exposure:** No data available

## Section 12: Ecological Information

**12.1 Ecotoxicity:** Do not empty into drains.

**12.2 Persistence and degradability:** Insoluble in water.

**12.3 Bioaccumulative potential:** No data available.

**12.4 Mobility in soil:** Is not likely mobile in the environment due to its low water solubility.

**12.5 Results of PBT and vPvB assessment:** No data available

**12.6 Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Section 13: Disposal Considerations

#### 13.1 Waste treatment methods

**Product:** All waste must be handled and disposed according to local, state, and federal regulations. Avoid disposing large volumes in sewer.

**Contaminated packaging:** All waste must be handled and disposed according to local, state, and federal regulations.

Refer to sections 7 and 8 for safe handling guidance.

### Section 14: Transport Information

**UN Number:** Goods are not regulated for transport for IAPA      **UN Proper shipping name:** Not classified as dangerous in the meaning of transport regulations.

**Transport hazard class(es):** Not regulated

**Packing group:** Not regulated

**Environmental hazard:** Not regulated

**Bulk transport:** Not regulated

**Special considerations:** No data available

### Section 15: Regulatory Information

To the best of our knowledge, this product contains no substances, which at their given concentrations, are not considered hazardous by other regulatory agencies. Refer to section 3.

**California Prop. 65 Components--**This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

### Section 16: Other information

This information is based on our present knowledge. While Gold Standard Diagnostics believes that the data contained herein are factual and the opinions expressed represent a best effort to present accurate information, the data are not to be taken as a warranty or representation for which Gold Standard Diagnostics assumes legal responsibility. The information shall not be taken as being all-inclusive and is to be used only as a guide. The data are offered solely for the user's consideration, investigation, and verification. These suggestions should not be confused with either state, municipal, or insurance requirements, or with national safety codes and constitute no warranty. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, and local regulations.

All materials and mixtures may present unknown hazards and should be used with caution. Since Gold Standard Diagnostics cannot control the methods, volumes, or conditions of use of this product, Gold Standard Diagnostics shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material. This product is sold for research use only. It is not for any human or animal therapeutic or clinical diagnostic use.

**Date this SDS is effective:** 05/16/2024

**Version:** 01