

# MATERIAL SAFETY DATA SHEET — 16 Sections

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier <b>PHARMACEUTICAL PHAZE OUT</b>				[WHMIS Classification] <b>N/A</b>	
Product Use <b>To solidify and render liquid medications inert</b>					
Manufacturer's Name <b>A &amp; A SURGICAL INNOVATIONS</b>			Supplier's Name <b>A &amp; A SURGICAL INNOVATIONS</b>		
Street Address			Street Address <b>8183 Duncan Peak Ct</b>		
City <b>LAS VEGAS</b>		State <b>NV</b>	City <b>LAS VEGAS</b>		State <b>NV</b>
Postal Code	Emergency Telephone <b>702-971-0744</b>		Postal Code <b>89139</b>	Emergency Telephone <b>702-971-0744</b>	
Date MSDS Prepared <b>06/01/2024</b>		MSDS Prepared By <b>ANDREW PURIO &amp; JASON GRENINGER</b>		Phone Number <b>702-971-0744</b>	

## SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	
<b>SODIUM POLYACRYLATE</b>	<b>80</b>	CAS No. 9003-04-7	<b>&gt;40,000 mg/kg rat</b>	<b>LD50 RAT ORAL</b>
<b>ACTIVATED CHARCOAL</b>	<b>20</b>	CAS No. 9003-04-7	<b>EFFECT LEVEL &gt; 8000 MG/KG BW</b>	<b>LD50 RAT ORAL</b>
			<b>EFFECT LEVEL &gt; 4.6MG/M<sup>3</sup> AIR EXP. DURATION 4 HOURS</b>	<b>RAT INHALATION</b>

## SECTION 3 — HAZARDS IDENTIFICATION

<b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE</b>
<b>IRRITANT: Eye irritation, category 2A specific target organ toxicity following single exposure, category 3</b>
<b>FLAMMABLE: Flammable solids, category 1</b>
<b>Eye Irrit. 2</b>
<b>STOT SE 3</b>
<b>FLAM. SOL. 2</b>
<b>Other hazards that do not require classification None</b>

## SECTION 4 — FIRST AID MEASURES

<b>Skin Contact: If skin irritation does occur, wash with soap for 15-20 minutes and flush with plenty of water. Remove contaminated clothes and shoes. Seek medical attention if discomfort or irritation persists.</b>
<b>Eye Contact: Do not rub your eyes. Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15-20 minutes. If eye irritation persists, get medical attention.</b>
<b>Inhalation: May cause respiratory irritation, if this occurs, remove to fresh air. Give artificial respiration if necessary if breathing is difficult give oxygen. Get medical attention if cough or other symptoms appear.</b>
<b>Ingestion: If swallowed rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Do not leave the victim unattended. If the victim becomes unconscious, Get medical attention immediately.</b>

## SECTION 5 — FIRE FIGHTING MEASURES

Flammable <b>NO</b>	If yes, under which conditions? <b>N/a</b>	
Suitable extinguishing agents: <b>Use extinguishing media suitable for the surrounding fire, such as dry chemical, carbon dioxide or alcohol resistant foam.</b>		
Unsuitable Extinguishing agents: <b>None identified</b>	Special Hazards arising from mixture: <b>May include Carbon oxides or other toxic vapors</b>	Products of combustion <b>None</b>
Advice for Fire dept: <b>Wear PPE</b>	Protective Equipment: <b>NIOSH-approved breathing respiratory apparatus</b>	Protective Equipment Cont.: Full Protective gear for fires
Precautions: Use spark proof tools and explosion-proof equipment. Avoid creating dust, Avoid inhaling any gases, dust, fumes, mist, vapors, and aerosols. Avoid contact with skin and eyes.		
Additional Information: Thermal decomposition can lead to release of irritating gases and vapors.		

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Wear PPE, use spark proof tools. Ensure that there is adequate ventilation.
<b>Avoid inhalation of dust.</b>

## SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
<b>Handle in accordance with good industrial hygiene and safety practices. No eating or drinking when handling this product Use personal protection recommended in section 8. NO SMOKING. Practice good ventilation when handling this material. strong oxidizers.</b>
Storage Requirements
<b>Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep the container tightly closed to prevent moisture absorption. Avoid storage near extreme heat or ignition sources.</b>

## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Parameters: OSHA PEL TWA (Total Dust) 15 mg/m <sup>3</sup> (50 mppcf*) ACGIH TLV TWA (Inhalable particles) 10mg/m <sup>3</sup>
Specific Engineering Controls ( <i>such as ventilation, enclosed process</i> ) <b>Ensure adequate ventilation, especially in confined areas. Eyewash Stations</b>
Personal Protective Equipment: Yes
If yes, please specify type: <b>Wear protective clothing and gloves when handling material. Gloves should be made of material that is impermeable to chemicals and oil. Work in well-ventilated area. Wear an approved respirator if dusts are above permissible exposure limits.</b>
Eye Protection: <b>Wear equipment that protects the eyes. Safety Goggles or glasses</b>

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State: <b>Solid Powder</b>	Odour and Appearance: <b>Odorless &amp; Crystalline</b>	Odour Threshold (ppm): <b>N/A</b>
Specific Gravity: <b>N/A</b>	Vapour Density (air = 1) <b>N/A</b>	Vapour Pressure (mmHg) <b>1mm hg @ 3586C</b>
Evaporation Rate: <b>N/A</b>	Boiling Point (° C) <b>Decomposes</b>	Melting/Freezing Point (° C) <b>3652-3697° C / 6606-6687° F</b>
pH: <b>6.0-9.0</b>	Coefficient of Water/Oil Distribution <b>N/A</b>	[Solubility in Water] <b>Insoluble</b>

## SECTION 10 — STABILITY AND REACTIVITY

Chemical stability <b>Stable</b>	If no, under which conditions? <b>Stable Under Normal Conditions</b>
Incompatibility with Other Substances <b>Yes. May react violently</b>	If yes, which ones? <b>Strong Oxidizers</b>

**Chlorates, Bromates and Nitrates. Chlorinated Paraffins, Lead Oxide Manganese Oxide Iron Oxide**

**Liquid Oxygen**

Reactivity, and under what conditions?

**Non Reactive Under Normal Conditions**

Hazardous Decomposition Products

Oxides of Carbon

## SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure:

**Eye Contact May cause eye irritation. Signs and symptoms may include redness, swelling, tearing, and blurry vision.**

**Skin Contact May cause skin irritation. Signs and symptoms may include localized redness, swelling, and itching**

**Inhalation May cause respiratory irritation in high air concentrations.**

**Ingestion May cause gastrointestinal irritation. Symptoms may include stomach upset, nausea, vomiting and diarrhea.**

Effects of chronic exposure:

**None**

Irritancy of Product: **May Cause Irritation**

Skin sensitization: **N/A**

Respiratory sensitization: **N/A**

Carcinogenicity-IARC: **N/A**

Carcinogenicity - ACGIH : **N/A**

Reproductive toxicity: **N/A**

Teratogenicity: **N/A**

Embrototoxicity: **N/A**

Mutagenicity: **N/A**

Name of synergistic products/effects: **N/A**

## SECTION 12 — ECOLOGICAL INFORMATION

Mobility Not Determined

Aquatic Toxicity: **N/A**

**Persistence/ Degradability Not Determined**  
**Bioaccumulation Not Determined**

**Other adverse Effects Not Determined**

**Brachydanio rerio(Danio Rerio) Duration 96 Hours Endpoint LC0: effect conc. 1000 mg/L**

**Daphina Magna 24 Hours Endpoint EC100: effect conc. 10000 ml/L**

## SECTION 13 — DISPOSAL CONSIDERATIONS

Disposal Instructions:

**Disposal should be in accordance with applicable regional, national and local laws and regulations**

**IATA: Not regulated**

**DOT Not Regulated**

**IMDG: Not Regulated**

Waste Disposal:

**Disposal Should Be In accordance with applicable regional, national, and local laws and regulations.**

## SECTION 14 — TRANSPORT INFORMATION

Transport Hazard  
Class(es)

**Class: 4.2**  
**Substances**  
**liable to**  
**spontaneous**  
**combustion**

## SECTION 15 — REGULATORY INFORMATION

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200

**SARA 313**

**Not Listed**

**CWA (Clean Water Act)**

**This product does not contain any substance regulated as a pollutant pursuant to the Clean Water Act (40 CFR 122.21 and (40 CFR 122.42). US State Regulations Not determined.**

**California Proposition 65**

**This product does not contain any chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.**

## SECTION 16 — OTHER INFORMATION

This Product has Been classified in accordance with hazard criteria of the controlled Products regulations and the SDS contains All the Information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider health hazards and safety information herein as a guide and take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. However, since conditions of handling and use are beyond our control we make no guarantee of results and assume no liability for damages incurred by the use of this product. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS APPLICABLE TO THIS MATERIAL.

### **Disclaimer:**

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 designated only as guidance for safe handling, use, processing, storage, transportation, and disposal. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

End of Safety Data Report

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