

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Recombinant Human Haptoglobin/Zonulin  
**Catalog Number:** 6001-50  
6001-1000  
6001-5000  
**Contact manufacturer** DAPCEL, Inc.  
11000 Cedar Ave., Suite 110  
Cleveland, OH 44106  
(+1) 216-215-3325

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

## 3. HAZARDS IDENTIFICATION

### Potential Health Effects

**Eyes:** May cause eye irritation.  
**Skin:** May cause skin irritation.  
**Inhalation:** No information available.  
**Ingestion:** No information available.

### HMIS

**Health: 0    Flammability: 0    Reactivity: 0**

### **HMIS Legend**

0 - Minimal Hazard  
1 - Slight Hazard  
2 - Moderate Hazard  
3 - Serious Hazard  
4 - Severe Hazard  
\* - Chronic Hazard

## 4. FIRST AID MEASURES

<b>Skin contact:</b>	Wash off immediately with plenty of water
<b>Eye contact:</b>	Rinse thoroughly with plenty of water, also under the eyelids
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person
<b>Inhalation:</b>	Move to fresh air
<b>Notes to physician:</b>	Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

<b>Fire-fighting equipment:</b>	Not applicable - nonflammable material
<b>Precautions:</b>	Not applicable - nonflammable material

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Use eye protection, gloves, and lab coat
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## 7. HANDLING AND STORAGE

<b>Clean up:</b>	Soak up with inert absorbent material
<b>Handling:</b>	No special handling advice required
<b>Storage:</b>	Store dried and reconstituted protein at -20 and/or -80°C

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Eyes:</b>	Safety glasses
<b>Skin:</b>	Wear lightweight protective clothing and gloves
<b>Inhalation:</b>	Not applicable - not an inhalation hazard
<b>Engineering controls:</b>	Safety shower and eye bath. Mechanical exhaust required
<b>Exposure guidelines:</b>	Wash thoroughly after handling

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Form</b>	Solid
<b>pH:</b>	No data available
<b>Boiling point:</b>	No data available
<b>Melting point:</b>	No data available
<b>Solubility:</b>	No data available
<b>Volatile%:</b>	No data available
<b>Water content:</b>	No data available
<b>Decomposition Temp.:</b>	No data available
<b>Viscosity:</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Materials to avoid:</b>	Strong oxidizing agents
<b>Hazardous decomposition:</b>	No information available
<b>Polymerization:</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

<b>Eyes:</b>	May cause eye irritation
<b>Skin:</b>	May cause skin irritation
<b>Inhalation:</b>	May be harmful if inhaled
<b>Ingestion:</b>	May be harmful if swallowed

## 12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

## 14. TRANSPORT INFORMATION

**IATA:** Non-hazardous for Air Transports

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

<b>SARA 313:</b>	Not regulated
<b>U.S. INVENTORY (TSCA):</b>	Not listed on inventory
<b>OSHA HAZARD COMMUNICATION STANDARD:</b>	non hazardous

## 16. OTHER INFORMATION

<b>Disclaimer:</b>	For R&D use only
<b>Issued:</b>	2019

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