

## DRABKINS SOLUTION MATERIAL SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product form : Mixture  
Product code : 50005

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Industrial/professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Laboratory Reagent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the manufacturer of the safety data sheet

Techno Pharmchem  
Plot No.1022, Modern Industrial Estate,  
Bahadurgarh-124507, India  
T +91 11 23646422  
info@technopharmchem.com

#### 1.4. Emergency telephone number

Emergency number: +91 11 23646422 (9:30am – 5.30pm)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), H301  
Category 3  
Acute toxicity  
(inhalation: vapour) H332  
Category 4

Full text of H statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Labeling according to regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP) : Danger  
Hazard statements (CLP) : H301 - Toxic if swallowed.  
H332 - Harmful if inhaled.

Precautionary statements (CLP) :

- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 - IF SWALLOWED: Immediately call a doctor
- P302+P352 - IF ON SKIN: Wash with plenty of water/...
- P310 - Immediately call a doctor
- P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS-No.7732-18-5)	>= 99	Not classified
Sodium bicarbonate	(CAS-No.144-55-8)	0.1 - 1	Not classified
Potassium Hexacyanoferrate (III)	(CAS-No.13746-66-2)	<= 0.1	Not classified
Saponin Extra Pure	(CAS-No.8047-15-2)	0.001 - 0.1	Not classified

Full text of H-statements: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

First – aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.

First-aid measures after skin contact : Wash with plenty of water/...

First-aid measures after eye contact : Rinse cautiously with water for several minutes.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Get medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Harmful if inhaled.

Symptoms/injuries after skin contact : Harmful in contact with skin.

Symptoms/injuries after ingestion : Harmful if swallowed.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

- Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).
- Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Use personal protective equipment as required.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Very toxic to aquatic life with long lasting effects

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours.
- Hygiene measures : Provide good ventilation in process area to prevent formation of vapour.  
Do not eat, drink or smoke when using this product.  
Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving Work.



**TECHNO PHARMCHEM**

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket "D", Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

### 7.2. Conditions for safe storage, including any compatibilities

Storage conditions : Store in a well-ventilated place. Store in a dry place.  
Keep container tightly closed.

### 7.3. Specific end use (S)

No additional information available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Hand protection : Protective gloves  
Eye protection : Chemical goggles or face shield  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : Wear respiratory protection.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Color : Yellow Solution  
Odor : No data available  
Odor threshold : No data available  
pH : No data available  
Relative evaporation rate (butylacetate=1) : No data available  
Melting Point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (Solid, gas) : No data available  
Vapor pressure : No data available  
Relative vapor density at 20°C : No data available  
Relative density : No data available  
Solubility : No data available  
Log pow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Oxidizing properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available



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## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

No additional information available

### **10.2. Chemical Stability**

Stable under normal conditions

### **10.3. Possibility of hazardous reactions**

No additional information available

### **10.4. Conditions to avoid**

Direct sunlight. High temperature.

### **10.5. Incompatible materials**

No additional information available

### **10.6. Hazardous decomposition products**

No additional information available

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

Acute toxicity	:	Not classified
Irritation	:	Irritating to eyes, respiratory system and skin.
Corrosivity	:	Not classified
Sensitisation	:	Not classified
Repeated dose toxicity	:	Not classified
Carcinogenicity	:	May cause cancer.
Mutagenicity	:	Not classified
Toxicity for reproduction	:	Not classified

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

No additional information available

### **12.2. Persistence and degradability**

No additional information available

### **12.3. Bio accumulative potential**

No additional information available

### **12.4. Mobility in soil**

No additional information available

### **12.5. Results of PBT AND vPvB assessment**

No additional information available



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#### 12.6. Other adverse effects

No additional information available

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Product/package disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID: - IMDG: - IATA: -

#### 14.2 UN Proper shipping name

ADR/RID : Not dangerous goods  
IMDG : Not dangerous goods  
IATA : Not dangerous goods

#### 14.3 Transport Hazard class(es)

ADR/RID: - IMDG: - IATA: -

#### 14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

#### 14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

#### 14.6 Special precautions for user

No data available

### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all local, regional, national and/or international regulations are observed.

#### 15.2 Chemical safety Assessment

For this product a chemical safety assessment was not carried out.

### SECTION 16: OTHER INFORMATION.

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.