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**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

## Di-Sodium Peroxodisulphate MATERIAL SAFETY DATA SHEET

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

#### 1.1 Product identifier

Product form	:	Substance
EC No	:	231-892-1
CAS-No.	:	7775-27-1
Product code	:	39110 , A- 39110
Synonyms	:	Sodium Persulphate

#### 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]

Oxidising Solids,	H272
Category 2	
Acute toxicity (oral),	H302
Category 4	
Skin corrosion/irritation,	H315
Category 2	
Serious eye damage/eye	H319
irritation, Category 2	
Sensitisation-	H334
Respiratory, Category 1	
Sensitisation-Skin	H317
Category 1	

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Specific target organ H335  
Toxicity-single  
Exposure, Category 3  
Respiratory tract irritation  
Full text of classification categories and H statements: see section 16

Classification according to directive 67/548/EEC or 1999/45/EC  
O; R8  
Xn; R22  
R42  
Xi; R36/37/38  
R43  
Full text of R-phrases: see section 16

### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

Signal word (CLP)	:	Danger
Hazard statements (CLP)	:	H272-Oxidiser H302-Harmful if swallowed H315-Causes skin irritation. H317-May cause an allergic skin reaction H319-Causes serious eye irritation H334-May cause allergy or asthma symptoms or difficulties if inhaled H335-May cause respiratory irritation
Precautionary statements (CLP)	:	P220-Keep/store away from clothing/.../combustible materials P261-Avoid breathing dust/fume/gas/mist/vapours/spray P280-Wear protective gloves/protective clothing/eye protection/face protection P284-[In case of inadequate ventilation] wear respiratory protection P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing. P342+P311-If experiencing respiratory symptoms Call a doctor/physician

### 2.3. Other hazards

No additional information available



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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substance

Name : Sodium Persulphate  
CAS-No. : 7775-27-1  
EC No : 231-892-1  
Full text of R- and H-phrases: see section 16

#### 3.2. Mixtures

Not applicable

### 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. Give oxygen or artificial respiration if necessary. If you feel unwell seek medical advice  
First-aid measures after skin contact : Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Rinse mouth. Call a doctor if you feel unwell.

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

Symptoms/injuries after inhalation : May cause allergy or asthma symptoms or breathing Difficulties if inhaled. May cause respiratory irritation  
Symptoms/injuries after skin contact : Causes skin irritation. May cause an allergic skin reaction  
Symptoms/injuries after eye contact : Causes serious eye irritation.  
Symptoms/injuries after ingestion : Harmful if swallowed.

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

No additional information available

### 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

Fire hazard : May intensify fire; oxidizer.

#### 5.3. Advice for firefighters

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

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## 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 : Stop release.

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Clear up rapidly by scoop or vacuum.

### 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 : Do not get in eyes, on skin, or on clothing.

Hygiene measures : Do not eat, drink or smoke when using this product.

Wash...thoroughly after handling

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

Storage conditions : Store in original container. Keep container tightly closed.

Store in a dry place. Protect from moisture.

### 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 safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear respiratory protection.



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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Solid
Molecular mass	:	238.09 g/mol
Colour	:	White crystalline
Odour	:	Odourless
Odour threshold	:	No data available
pH	:	2.5 - 4
Relative evaporation rate (butyl acetate=1):	:	No data available
Melting Point	:	1800°C
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
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Density	:	2.4 g/cm <sup>3</sup>
Solubility	:	Water: 238.1 g/l at 20°C-completely soluble
Log pow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available

### 9.2. Other Information

No additional information available

## 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. Air contact. Moisture

### 10.5. Incompatible materials

No additional information available

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## 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity	:	Oral: Harmful if swallowed.
Skin corrosion/irritation	:	Causes skin irritation. pH : 2.5 – 4
Serious eye damage/irritation	:	Causes serious eye irritation. pH : 2.5 – 4
Respiratory or skin sensitisation	:	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
Specific target organ toxicity (single exposure)	:	May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	:	Not classified
Aspiration hazard	:	Not classified
Potential adverse human health effects and symptoms	:	Harmful if swallowed

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative 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

### 12.6. Other adverse effects

No additional information available

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## 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: 1505    IMDG: 1505    IATA: 1505

### 14.2 UN Proper shipping name

ADR/RID : Sodium Persulphate  
IMDG : Sodium Persulphate  
IATA : Sodium Persulphate

### 14.3 Transport Hazard class(es)

ADR/RID: 5.1    IMDG: 5.1    IATA: 5.1

### 14.4 Packaging group

ADR/RID:III    IMDG:III    IATA:III

### 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

### Full text of H-statements referred to under sections 2 and 3.

H272    Oxidizer  
H302    Harmful if swallowed.  
H315    Causes skin irritation.  
H334    May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335    May cause respiratory irritation.

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