



# CELLTECH LLP

TRANSFORMING QUALITY, BUILDING TRUST..

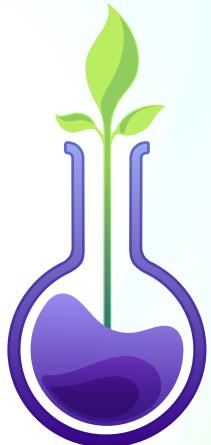


CELLTECH takes great pride in manufacturing products that enhance people's everyday lives. Our diverse range of offerings caters to industries such as plastics, paints, food, cosmetics, and pharmaceuticals. With cutting-edge production facilities, we ensure timely delivery and efficient logistics, earning a reputation for excellence and dependability.

CELLTECH upholds safety, integrity, and the well-being of its employees and stakeholders as core values. CELLTECH products are certified, guaranteeing adherence to the highest health and safety standards. We are dedicated to being responsible members of the communities in which we operate, actively engaging with and positively contributing to them.

Integrity is the foundation of our business, and CELLTECH believe in demonstrating it through its actions and maintaining transparent relationships with our customers, partners, investors, and employees.

CELLTECH is committed to environmental sustainability, implementing industry-leading initiatives that have a positive impact on the communities we serve.





# SODIUM PERSULFATE

Sodium persulfate (SPS), a stable salt of peroxodisulfuric acid, is a strong yet easy-to-dose oxidant and an excellent radical source in aqueous media. Rhein PerChemie serves the product in the form of colour and odourless crystalline powders. Due to its high purity and low moisture content, SPS from RheinPerChemie is storage-stable and can be handled safely. Occasionally, SPS tends to form lumps or cake when stored under ambient conditions. Small amounts of special silica additives can suppress this behaviour. Sodium persulfate is highly water-soluble. Aqueous solutions react slightly acidic and are less storage-stable than anhydrous solids.

Due to its high oxidation potential, SPS can decompose when subjected to adverse conditions. The product itself is not flammable but oxidising.

## Molecular Formula

$\text{Na}_2\text{S}_2\text{O}_8$

## Description

White solid crystalline, odourless

## Packaging

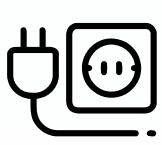
25 kg net certified UN PG III laminated HDPE woven bags with LDPE inner bag.

Customized Packaging Available (From 10kgs to 500 kgs)

## Applications :



Dyes & Textile



Electronics



Hair Care



Mining



Pharmaceuticals



Polymers

## CERTIFICATE OF ANALYSIS

Product : Sodium Persulfate

TEST	RESULT	PRESCRIBED
Appearance	Passes	99.00% w/w Min
Assay (%)	99.13%	6.65% w/w Min
Active Oxygen	6.65%	0.1% w/w Max
Sulphuric Acid	0.04	5 Mg / Kg
Iron	2.4	150 PPM Max
Insolubles	89	0.10% Max
Mesh Analysis	99.6%	US #8 Mesh

# POTASSIUM PERSULFATE

Potassium Persulphate is used in organic chemistry as an oxidizing agent. It is used in active pharma manufacturing, hair bleaching, wool bleaching, chemical synthesis and accelerated curing of low formaldehyde adhesives. Calibre's Potassium Persulphate is also used in depolymerization in the modification of starch, in cosmetics and as a gel breaker in the oil and gas industry.

This salt is used to initiate polymerization of many alkenes leading to polymers such as styrene-butadiene rubber and polytetrafluoroethylene and related materials. Potassium Persulphate is environmentally friendly, non-halogenated compound which can be used to oxidize the wet strength resin for reprocessing of broken, or off-spec paper to be recycled.

## Molecular Formula

$K_2S_2O_8$

## Description

White crystalline powder

Grade : Standard, Customized grade available upon request.

## Packaging

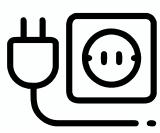
25 kg net certified UN PG III laminated HDPE woven bags with LDPE inner bag.

Customized Packaging Available.

## Applications :



Dyes & Textile



Electronics



Hair Care



Industrial



Pharmaceuticals



Polymers



Agro Chemical

## CERTIFICATE OF ANALYSIS

Product : Potassium Persulfate



Electronics

TEST	RESULT	PRESCRIBED
Description	Passes	White Crystalline Powder
Assat (%)	99.20 %	99.0% Min

## MAXIMUM LIMITS OF IMPURITIES

Chloride (Cl)	Complies	NMT 0.003 %w/w
Iron (Fe)	Complies	NMT 0.003 %w/w
pH (3% Solution)	5.41	4.0 - 7.0

# POTASSIUM Mono PERSULFATE

Potassium monopersulfate (KMPS), also known as potassium peroxymonosulfate or Oxone, is a white, granular peroxygen compound that serves as a powerful, non-chlorine oxidizer. It is primarily used in various industrial and consumer applications for its disinfectant, oxidizing, and sanitizing properties.

## CERTIFICATE OF ANALYSIS

Product : Potassium Mono Persulfate

TEST	RESULT	PRESCRIBED
Description	Passes	White Odourless, Crystalline Free Flowing Solid Powder
Solubility	Passes	256 g/L
Active Oxygen	4.63%	≥ 4.5% Min.
KHSO5 %	44.05%	≥ 42.8% Min.
Moisture	0.9%	0.20% Max
PH(1% Solution)	2.22	2.2 -2.4
(3% Solution)	2.02	1.9 -2.2



OUR VISION

Be a leader in the markets of choice by promoting customer centricity;  
adopting the best in class technology, operating practices,  
Quality & Governance systems through a culture of  
respect, responsibility and stakeholder value.



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