



# RICSOY™-WSL

HYDROLYZED RICE+SOY PROTEIN NANOPEPTIDE CONJUGATE-  
LIQUID

RICE+SOYA- SUPER NANO-PEPTIDE ACTIVES FOR SKIN & HAIR  
CONDITIONING

(Benefits of Nano-Peptides: High Biocompatibility/High  
Biological Activity & Enhanced Bio-functionality)

## Use:

Can be added to formulas as is, add to water-phase of formula. Recommended use level: 4-5%.  
Store under Ambient Temperature preferably Cool /Dry place away from heat/Sunlight. For  
external use only.

## Applications:

All kinds of Personal Care products like hair care including shampoos, hair conditioners, hair balms, hair pomades,  
hair colors and also skin care products including Toners, lotions and creams & Nail Care as well.

## Benefits:

Due to the low molecular weight and the small size, the hydrolyzed Soya Nano-Peptides has a excellent Bio-  
Absorption / Penetration.

## Hair Care:

Soya & Rice Nano-peptide conjugate with its excellent Bio-Absorption property, helps in increasing hair's moisture-binding properties, while specifically improving tensile strength and mitigating the damage that can be wrought by bleaching, perming and hot combing.



## Skin care:

Nanopeptides present in Soy-Rice ferment liquid which is a Conjugate botanical active complex, has been effective against appearance of dark circles & puffiness around the eyes. when used in skin care products it increases the ability of the skin to hold moisture and provides a smoothing effect for minimizing roughness and wrinkles.



## SPECIFICATION

PHYSICAL PARAMETERS	
Appearance	Clear Brown Liquid
Odour	No unpleasant odour
Protein % ( In the form of Nano-Peptides) Water Insoluble Matter (%)	Min 15 % No visible impurities
Bio-Peptides -Molecular Weight (Range)	Up To 42KDA
pH	7 to 8
Solubility Index	Soluble in water
MICROBIAL PARAMETERS	
Aerobic Bacterial Count	Max 1000 cfu/g
Yeast & Mould Count	Max 50 cfu/g
Staphylococcus aureus	Not Detected
KEY AMINO ACID PROFILE	
% CONTENT	
Cystine	0.51-2.86
Histidine	1.27-2.3
Isoleucine	2.4-3.2
Leucine	3.50-5.0
Lysine	2.75-5.7
Methionine	0.67-2.50
Phenylalanine	2.6-3.5
Threonine	2.14-3.4
Tryptophan	0.72-1.3
Tyrosine	1.60-5.10
Valine	2.46-3.8

**Note:** The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

### Packing, Shelf life & Storage conditions:

Shelf life 18 Months. Store in ambient conditions preferably Cool Dry place, away from heat & Sunlight. Packing – 5 Kgs HDPE Cans, based on the product variant as desired by the customer based on Active % range.

**Also available in Powder form in 1kg Pack. (Shelf Life of the Powder form : 36 Months).**

Our team of Scientists are focused & works with bold ingenuity to develop revolutionary Bio-Molecules with a vision to create a pool of such unique molecules that has a clear purpose to deliver specific functional benefits in Personal Care & Healthcare/Nutraceuticals category products



INNOVATIVE BIOTECHNOLOGY FOR PERSONAL CARE & HEALTH CARE/NUTRITION

Plant Based Nanopeptides has been Researched, Developed & Manufactured using Patent Pending  
No.: (202341036475) Process Technology

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