

RICE EXFOLIATOR SN

CHEMICAL NAME: Amorphous silica (from Rice / *Oryza sativa*)

INCI name ⁽¹⁾	CAS number ⁽¹⁾	EINECS number ⁽¹⁾
Oryza Sativa Hull Powder	68553-81-1	271-397-8

(1) Reference: (<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>), CosIng, Europe.

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Oryza Sativa (Rice) Hull Powder	Monograph ID: 18425	-

(2) Reference: *International Cosmetic Ingredient Dictionary and Handbook*, 15th edition, 2014, USA.

INTRODUCTION

Rice Exfoliator SN is a hard, whitish and translucent substance, consisting chiefly of pure silica. It is obtained by the calcination derived from rice.

SPECIFICATION

Appearance	: Granulated powder
Color	: White to beige
Apparent density	: About 0.9 g/ml
Moisture IV (5g, constant weight, 105°C)	: 0.0 – 10.0 %
Odor	: Almost odorless
pH 5% (25°C)	: 6.0 – 9.0
Heavy Metals (as Pb)	: 0.0 – 20.0 ppm
Arsenic (ppm)	: 0.0 – 2.0 ppm
Lead (ppm)	: 0.0 – 2.0 ppm
Total aerobic count	: Max.100 cfu/g
Particle Size # 40 (420 or 425 Micra)	: 90.0 – 100.0 %
Particle Size # 80 (177 or 180 Micra)	: 50.0 – 100.0 %
Particle Size	: 0% < 0.1 micra
Molds and Yeasts	: Max.100 cfu/g
Pathogens	: Absent in 1 g

PROPERTIES AND APPLICATION

Rheological agent, improves solids fluidness. Oil and liquid absorber. Derma purifier, derma abrasive, alkaline agent.

Note: *Product for cosmetic topical application.*

SUGGESTED DOSAGE

Derma abrasive products and massage formulations: from 3 to 7%
Soaps: from 0.5 to 3.0%

STORAGE

Store dry and tightly closed. Protect from humidity.

SHELF LIFE

Thirty six (36) months from manufacturing date.

REFERENCES

- 1) Site CosIng, Europe
(<http://ec.europa.eu/consumers/cosmetics/cosing/index.cfm?fuseaction=search.simple>)
- 2) Personal Care Products Council; *Online International Cosmetic Ingredient Dictionary & Handbook (INCI)*; Copyright® 2008 Personal Care Products Council. Available at:
<<http://webdictionary.personalcarecouncil.org/jsp/Home.jsp>>, USA. Accessed in: Sep 6, 2022.