

The miracle of nature

# JEJU MAGMA SEA WATER (JMSW ED)

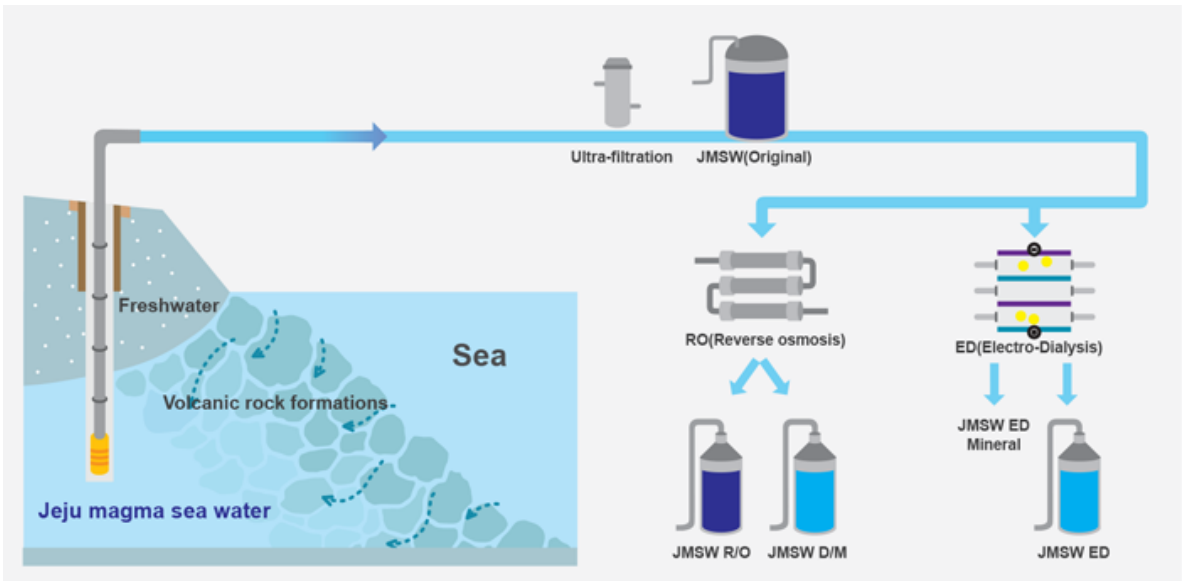
INCI NAME : SEA WATER / BUTYLENE GLYCOL / PHENOXYETHANOL / ETHYLHEXYLGLYCERIN

## GENERAL DESCRIPTION FOR RAW MATERIAL

Jeju Volcanic Island – South Korea’s largest island - has experienced a boom in popularity amongst Asian tourists thanks to its outstanding natural beauty, along with its status as a UNESCO Natural World Heritage Site and part of the New 7 Wonders of Nature. Jeju Island which is a volcanic island was formed from more than 100 volcanic activities occurring long time ago. The volcanic rock of basalt, which constitutes the base of the island, started to pour forth from under the sea. As a result of the continuous volcanic activities, Jeju Island is composed of sedimentary layers. Jeju Magma Sea Water is naturally filtered by the volcanic rock of basalt allowing it clean, stable and rich in minerals.

## EFFICACY

### Production of JMSW



### Efficacy evaluation of JMSW



Efficacy of JMSW ED Mineral on acne

## TECHNICAL INFORMATION

### Processing & Dosage

JMSW ED is an ingredient for a water replacement purpose in a cosmetic formulation.

### Storage & Shelf life

JMSW ED should be stored at room temperature in a tightly closed and lightproof package. If stored in these appropriate conditions the shelf life is at least 24 months. Once the original packing is opened, it is highly recommended to use at once.

### Safety information

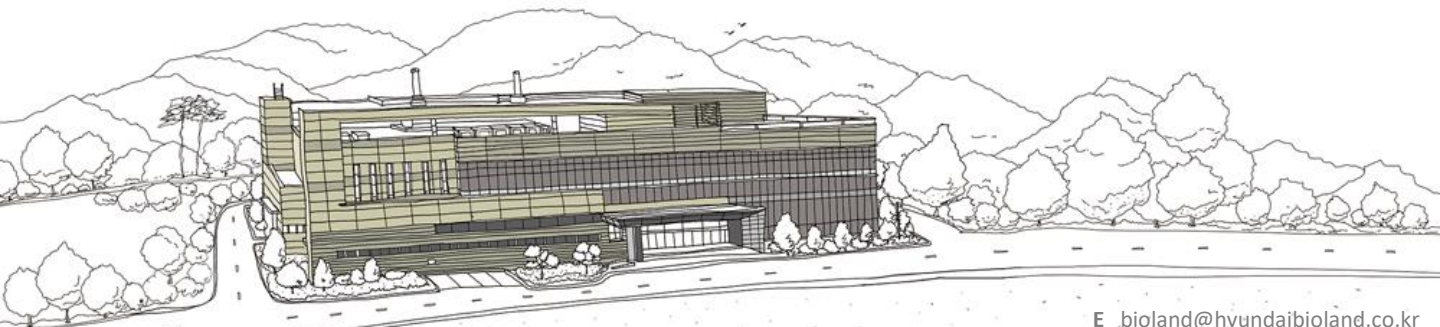
The salinity in raw Jeju magma sea water is removed to produce JMSW ED while minerals are maintained. Minerals show a soothing and moisturizing effect and an improvement effect on an ace skin. Based on this, JMSW ED is believed as a safe material for cosmetic use.

## SPECIFICATION

<b>Appearance</b>	Colorless clear liquid
<b>Odor</b>	Typical
<b>Refractive Index (N<sub>D</sub><sup>20</sup>)</b>	1.330 ~ 1.360
<b>pH (Neat)</b>	6.0 ~ 8.5
<b>Specific Gravity (d<sub>20</sub>/20)</b>	0.990 ~ 1.030
<b>Total bacterial count</b>	Not more than 100cfu/mL
<b>Yeast &amp; molds</b>	Not more than 10cfu/mL

## PRODUCT INFORMATION

TRADE NAME	JMSW ED	INCI Key Index
<b>INCI NAME</b>	<b>COMPOSITION (INCI Key Index)</b>	A : Greater than 50%
SEA WATER	A	B : Greater than 25% but less than or equal to 50%
BUTYLENE GLYCOL	E	C : Greater than 10% but less than or equal to 25%
PHENOXYETHANOL	F	D : Greater than 5% but less than or equal to 10%
ETHYLHEXYLGLYCERIN	G	E : Greater than 1% but less than or equal to 5%
<b>STANDARD PACKAGE</b>	<b>20KG</b>	F : Greater than 0.1% but less than or equal to 1%
		G : Less than or equal to 0.1%



The content of this document was established with utmost possible care. However, we reserve the right to add the information, to correct or to delete it without prior notice.

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