

THE TRUTH ABOUT MAGNESIUM EXTRACTION

- pure source = less transformation •

Always verify the Source !

“Natural and Pure” marketing or even the word “Zechstein” is not a guarantee without the Zechstein Inside® logo. 80% of magnesium is imported from Asia, where it is chemically purified and refined for export as magnesium oil, not to mention difficult working conditions. Even companies that source their products from the open sea or salt lakes must chemically “upgrade” them to clean out heavy metals and contaminants. These products are often less expensive and are sold in plastic bottles. Our unique pure magnesium chloride layers from the crystallised Zechstein Sea underneath the Netherlands are without comparison. We are the only transdermal magnesium to be studied for the elimination of heavy metals in the human body. Purity is the key.



Unique extraction process
Zechstein Inside®
(Netherlands)

1

No Transformation

250 million year old crystallised sea

NATURAL STATE MAGNESIUM LAYERS
WITHOUT NEED OF PURIFICATION

PURE SPRING WATER
sent 1 mile underground

ABUNDANT STRATA OF PURE MAGNESIUM
which melts upon contact with water,
recuperation of magnesium oil

NATURAL SEDIMENTATION OF IRON

BOTTLED IN NOBLE GLASS

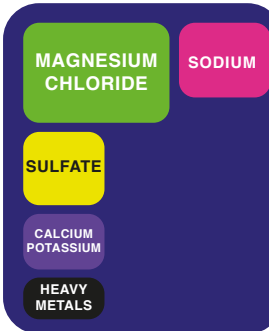
MAGNESIUM OIL
High Quality

Most common methods of magnesium chloride extraction

Complex extraction process

2

CONCENTRATED
MAGNESIUM BRINES
FROM STRATA LAYERS
OR COLLECTED SALTS



PURIFICATION

PRECIPITATION

CONCENTRATION

DESICCATION

WATER READED

PROCESS OF CHEMICAL PURIFICATION

SODIUM SULFIDE*
CALCIUM CHLORIDE*
BARIUM CHLORIDE*
LIME*, CAUSTIC SODA*

SOLVENTS USED TO
REDUCE HEAVY METAL &
CONTAMINANT LEVELS*

TEMPERATURE 180°

180° + HIGH PRESSURE

MAGNESIUM OIL
Low Quality

UNAVOIDABLE
ATMOSPHERIC
POLLUTION

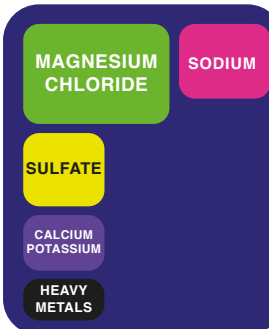
SEA
WATER
OR
MAGNESIUM
RICH
LAKES

FILTRATION

EVAPORATION
OR SEPARATION
BY REVERSE
OSMOSIS

WATER READED

CONCENTRATED
MAGNESIUM BRINES



PURIFICATION

PRECIPITATION

CONCENTRATION

DESICCATION

WATER READED

PROCESS OF CHEMICAL PURIFICATION

SODIUM SULFIDE*
CALCIUM CHLORIDE*
BARIUM CHLORIDE*
LIME*, CAUSTIC SODA*

SOLVENTS POUR
REDUCE HEAVY METAL &
CONTAMINANT LEVELS*

TEMPERATURE 180°

180° + HIGH PRESSURE

MAGNESIUM OIL
Low Quality

Complex and energy intensive extraction process

3

*Depending on needs