**TECHNICAL CARD** 





## **KEY BENEFITS**

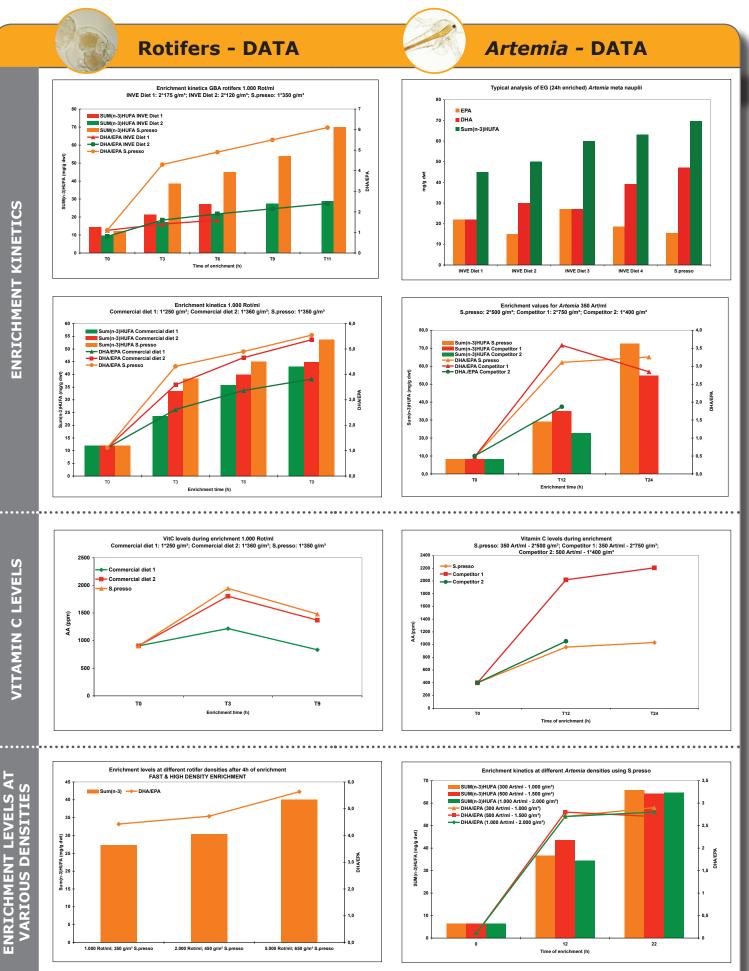
- Innovative suspension/emulsion technology, for superior and consistent performance
- Fast and flexible in use for both *Artemia* and rotifer enrichment
- Designed to perform in different conditions and densities
- Perfectly balanced, includes only the highest quality ingredients



# Enrichment of rotifers and Artemia - USE

	Roti	fers		Artemia	
PRODUCT PREPARATION & USE	<ul> <li>Take product out of refrigerator at least three hours before use (product becomes more fluid)</li> <li>Emulsify S.presso in lukewarm water (preferably 35-40°C) at max. 300 g/l by mixing vigorously for three minutes (using an industrial mixer).</li> <li>Apply according to enrichment strategy.</li> </ul>				
TANK PREPARATION	<ul> <li>Clean and disinfect the enrichment tank, airstones air tubing prior to use (use e.g. 200 g/m<sup>3</sup> active chlorine + detergent) and rinse well.</li> <li>Disinfect the water of the tank with e.g. 10 ppm OCI- and aerate gently for ± 1 hour.</li> <li>Deactivate any remaining chlorine by adding 12 ppm sodiumthiosulphate.</li> </ul>				
TANK SET-UP & OPTIMAL ENRICHMENT CONDITIONS	<ul> <li>Rotifer density: 1.000-5.000/ml (see enrichment doses)</li> <li>Salinity 20-30 ppt</li> <li>Temperature 25-27°C</li> <li>Aeration medium-strong using open tube aeration</li> <li>Keep dissolved oxygen higher than 5 ppm by means of a leaky pipe (pure oxygen) or other fine bubble device</li> </ul>		(see enrichm Salinity 25-4 Temperature Aeration mee Keep dissolv means of a le	<ul> <li>Artemia density 300-1.000/ml (see enrichment doses)</li> <li>Salinity 25-40 ppt</li> <li>Temperature 26-28°C</li> <li>Aeration medium-strong using open tube aeration</li> <li>Keep dissolved oxygen higher than 7 ppm by means of a leaky pipe (pure oxygen) or other fine bubble device</li> </ul>	
ENRICHMENT & HARVEST			the enrichmond npl/m³, or d • Enrich for a	g S.presso per m³ (at T0 and T10) in ent tank, containing up to 400.000 lifferent dose for higher densities period of 18 to 22 hours INVE concentrator rinser at T22 <u>Total amount of S.presso</u> 2 x 500 ppm (total 1000 ppm) 2 x 900 ppm (total 2000 ppm) 2 x 1000 ppm (total 2000 ppm)	
STORAGE	<ul> <li>with seawater of the same temperature as the water in the enrichment tank. Make sure that the rotifers are always submerged and avoid "splashing" of the rotifers in the filter.</li> <li><u>During storage:</u> use open tube aeration for maintaining the rotifers suspended and keep dissolved oxygen &gt; 5 ppm</li> </ul>		<ul> <li>Salinity 25-4</li> <li>Temperature</li> <li>Oxygen 4-6</li> <li>Soft point ac</li> </ul>	<ul> <li>Density up to 5.000 nauplii/ml</li> <li>Salinity 25-40 ppt</li> <li>Temperature 4-10°C</li> <li>Oxygen 4-6 ppm</li> <li>Soft point aeration &amp; aeration diffuser collar</li> <li>Advsised cold storage: temperature of 6-8°C</li> </ul>	

# Enrichment kinetics and levels, vitamin C levels



# S.presso is...

A complete live feed enrichment product allowing flexible and clean enrichment with high nutritional benefits.

#### ...INNOVATIVE

An innovative enrichment, designed to meet the most exigent needs in terms of live feed quality improvement. Produced with an advanced process of aqueous suspension and emulsion, it allows the incorporation of a number of beneficial ingredients.

#### ...FLEXIBLE

A very flexible product that allows an easy enrichment up to very high values. It offers a unique solution to multiple enrichment strategies of your choice.

#### ...COMPLETE

A complete liquid enrichment containing trace-elements, micro-elements, lipids, vitamins and proteins.

### ...CLEAN

Clean in use. It creates an unpolluted environment allowing a perfect rotifer and *Artemia* condition.

#### COMPOSITION

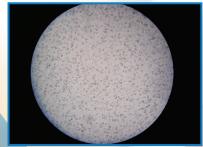
Moisture	58%
Crude protein	2%
Crude lipids	32%
Crude ash	2%
Phosphorus	0,5%
Vitamin A	110.000 IU/kg
Vitamin D3	10.000 IU/kg
Vitamin E	5.400 IU/kg
Vitamin C	8.000 mg/kg
Antioxidants	Ethoxyquin, propylgallate
Σω3HUFA	150 mg/g dwt
DHA/EPA	9

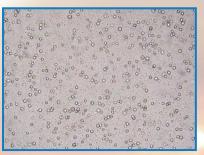
#### **PACKAGING & STORAGE**

Available in cartons of 9 x 1kg bottles. Shelf life of 15 months from date of manufacturing.

Store in a cool, dry place (max. 10°C). For prolonged storage periods (i.e. 3 months or longer), refrigeration is advised (4°C). Once opened, the product should be used within one month, kept well closed and stored in a refrigerator. Do not freeze.

## **AQUEOUS SUSPENSION AND EMULSION TECHNIQUE**





After intensive research, INVE Technologies developed the suspension-emulsion techique, an improvement of the SELCO emulsification technology in which liquid and insoluble particles are mixed.

This technique makes S.presso a stable, liquid enrichment product that guarantees optimal intake of the various nutrients by the live plankton.



For more information, please contact your local INVE Aquaculture Service Center or take a minute to visit our website: www.inveaquaculture.com

