### **SYNERGY**

### The solution for your joints





### LEDVARD: FRENCH EXCELLENCE SERVING ATHLETES' HEALTH

Ledvard has specific expertise in the processing of complex polymers, and a combined experience of more than 40 years in hyaluronic acid-based medical devices.

We have 4 commitments:



#### SCIENTIFIC APPROACH

Our expertise leads us to the highest standards in the development of our formulations as well as the precision of dosages.



#### **FORMULATIONS 100% TRANSPARENTES**

The composition of our products does not reveal any hidden components, we are 100% transparent about our formulations.



### **BEST QUALITY LEVELS**

We select our ingredients with the greatest rigor, constantly seeking the best levels of quality.



#### **100% FRENCH MANUFACTURING**

100% French manufacturing. R&D, production, packaging & logistics located in Auvergne Rhône-Alpes.



# WITH OUR IN-DEPTH KNOWLEDGE OF SCIENCE, COMBINED WITH OUR PASSION FOR SPORT, WE AIM TO IMPROVE THE HEALTH AND PERFORMANCE OF ATHLETES.

At Ledvard, we believe that muscle power is of no use if mobility and joint function are limited.

For Synergy, we chose to develop an innovative, highly dosed product aimed at strengthening the joints which are put under severe strain during sports practice.





SYNERGY<sup>6</sup> IS A DRINKABLE JOINT SUPPLEMENT, TO RECONSTITUTE,
WHICH CONTRIBUTES TO A SIGNIFICANT IMPROVEMENT IN JOINT HEALTH.

Our scientific approach has allowed us to select the 6 most effective specific components and combine them with a precise and optimized dosage to guarantee maximum effect on the joints.

PEPTAN COLLAGEN	10g
TYPE I (HYDROLIZED)  COLARTIX COLLAGEN TYPE II (HYDROLIZED)	3g
HYALURONIC ACID	2g
GLUCOSAMINE SULFATE	1g
CHONDROÏTINE SULFATE	0,51g
HARPAGOPHYTUM	0,14g

BEET POWDER JUCE, BERRIES NATURAL FLAVOUR, HARPAGOPHYTUM EXTRACT (HARPAGOPHYTUM PROCUMBENS - 143MG. SUCRALOSE SWEETENER



5 of the 6 components naturally present in the joints (bones, cartilage, synovial fluid, ligaments & tendons).



These natural elements of the joints are renewed more slowly with age and are degraded during intensive sports practice.

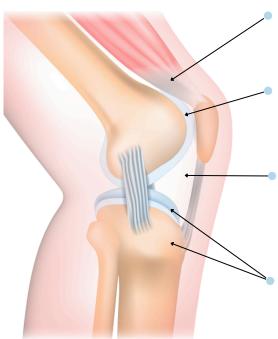


Even in a balanced daily diet, these natural components of the joints are generally present in small quantities or absent.

For more information on the composition of Synergy, go to our website:



### **ROLE OF EACH COMPONENT IN THE JOINTS**



TYPE I COLLAGEN

The most abundant (skin - tendons -

ligaments...). Limits cartilage degradation, Inhibits synovial inflammation.

TYPE II COLLAGEN 2,3

Most abundant in cartilage and intervertebral discs. Reduces pain, Improves mobility.

HYALURONIC ACID

Widely present in the extracellular matrix of various tissues of the human body: skin, cartilage, synovial fluid, vitreous humor.

Improves osteoarthritis symptoms: reduces pain and inflammation.

**GLUCOSAMINE SULFATE (GS) & CHONDROITIN SULFATE (CS)** 

GS is found in articular cartilage and synovial fluid. CS is one of the main components of articular cartilage and bone.

Reduce stiffness & pain, Improve mobility.

Medicinal plant native to South Africa used for centuries to treat joint problems and muscle pain. Natural antiinflammatory - alternative to NSAIDs

<sup>1.</sup>DAR, Q.-A. ET AL. DAILY ORAL CONSUMPTION OF HYDROLYZED TYPE 1 COLLAGEN IS CHONDROPROTECTIVE AND ANTI-INFLAMMATORY IN MURINE POSTTRAUMATIC OSTEOARTHRITIS. PLOS ONE 12, E0174705 (2017). SIBILLA ET AL. - 2015 - AN OVERVIEW OF THE BENEFICIAL EFFECTS OF HYDROLYSE

<sup>2.</sup> SAUSCIPENT, D.ET AL. UNDERVITIBED, COLLAGEN TYPE IF FOR THE TREATMENT OF OSTEOARTHRITS OF THE RINGE. ACT A ORTHOR BIAS. 30, 0022.)

4. GOLLARE, I. VOSS, W. VON HEIN, I. & KAMMERER S. I. RIGESTION OF AN ORAL HYALIRONAN SOLUTION IMPROVES KIN HYDRATION, WIRNNEL REDUCTION, ELASTICITY, AND SKIN ROUGHNESS. RESULTS OF A CLINICAL STUDY, J. END BASED COMPLEMENTARY ALTERN MED 22, 816–823 (2017).

5. PURDGELLION, J. ET AL. EFFECTIVENESS OF A DIETRAY SUPPLEMENT CONTAINING HYDROLYZED COLLAGEN, CHONDROITIN SULFATE, AND GLUCOSAMINE IN PAIN REDUCTION AND PUNCTIONAL CAPACITY IN OSTEOARTHRITS FATIENTS, JOURNAL OF DIETRAY SUPPLEMENTS IS, 379–389 (2019).

6. FARPOUR, H. R., RANBEN, N. & BERNAMIN, B. THE EFFECTACY OF HARPIAGOPHTUM PROCLUMBERS (TELTONAL) IN PATIENTS WITH KNEE OSTEOARTHRITS: A RANDOMIZED ACTIVE-CONTROLLED CLINICAL TRIAL.

EVID BASED COMPLEMENT ALTERNAT MED 2021, 5596892 (2021).

### **BENEFITS OF THE CURE**

### FOR ALL ATHLETES



#### PREVENTION

Reduction of joint and tendon disorders

### PERFORMANCE

Increased training load

### RECOVERY

Limitation of post-training activity pain

### FOR PEOPLE WITH JOINT PATHOLOGIES

Synergy<sup>6</sup> is beneficial for people with cartilage damage (such as osteoarthritis or chondropathy), tendinopathy (more commonly called "tendinitis"), the after-effects of joint trauma and post-operative pain.



### JOINT COMFORT

Improved quality of life

### MOBILITY

Better range of motion

### PAIN LIMITATION

Reduction in taking anti-inflammatories

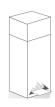


DOES NOT CONTAIN ANY PRODUCT CONSIDERED DOPING BY THE WORLD ANTI-DOPING AGENCY

### **USAGE TIPS**



4, 8 or 12 week cures with a tour & refills.



A tower that allows the distribution of your daily sachet.



Each sachet contains 17.3g of powder. A nomadic format that allows you to follow you everywhere.



The sachet should be reconstituted in a shaker with water daily.



Best consumed outside of meals and over a period of one hour maximum.



It is crucial to maintain daily regularity for optimal efficiency.



When you practice a sporting activity, preferably consume 2 to 3 hours before your session to ensure optimal bioavailability.





COLLAGEN REPRESENTS
25-30%

OF THE TOTAL PROTEIN OF THE HUMAN BODY (BONES, TENDONS, LIGAMENTS, SKIN, etc.)



ON AVERAGE

15G
OF HYALURONIC ACID
IN THE BODY

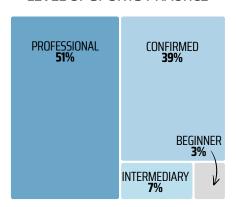




### RESULTS OF THE SYNERGY STUDY $^{6}$

### **USER PROFILE**

### LEVEL OF SPORTS PRACTICE



### 18 - 30 YEARS 38,7% 30 - 45 YFARS 29% 45 - 60 YEARS 22.6% 60 + YFARS

AGF

2/3 OF USERS HAVE TENDINOUS OR JOINT PATHOLOGIES

### MAIN PATHOLOGIES



(ACHILLES TENDON. PATELLAR TENDON, ETC.)



**SPRAINS** 



HIP CONFLICTS



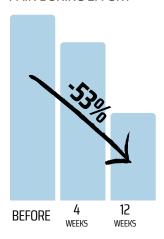
**DISLOCATIONS** 



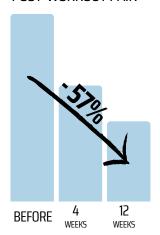
<sup>1.</sup> THESE DATA COME FROM A STUDY CARRIED OUT ON A PANEL OF ATHLETES WHO USED SYNERGY6, WITH 43 PARTICIPANTS HAVING FOLLOWED THE TREATMENT FOR 4 WEEKS, OF THE 43, 11 TESTED & 12-WEEK TREATMENT

### **PAIN REDUCTION (WOMAC\*)**

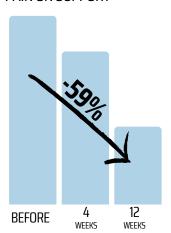
### PAIN DURING EFFORT



### POST-WORKOUT PAIN



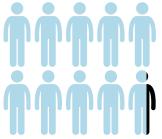
### PAIN ON SUPPORT



USERS ARE SATISFIED
WITH SYNERGY<sup>6</sup>
AFTER 12 WEEKS OF CURE

IT HELPS REDUCE PAIN AND IMPROVE MOBILITY

### **OVERALL SATISFACTION**



9,7/10 USERS ARE READY TO

RECOMMEND SYNERGY<sup>6</sup>
TO THEIR RELATIVES
FROM 4 WEEKS OF CURE



### MAIN MOTIVATIONS FOR TAKING CURE



100%







THE EFFECTS

THE COMPOSITION

FRENCH MANUFACTURING

THE BRAND

THE ABSENCE OF DOPING PRODUCTS

### **✓** INNOVATIVE FORMULATION

We have selected the 6 most effective components and combined them with a precise and optimized dosage to guarantee maximum effect on the joints.

### ✓ MAXIMIZED ASSIMILATION RATE

The absorption of our components takes place in the small intestine, to then be redistributed into the systemic circulation. The molecules are then distributed throughout the body and mainly in the joints and skin.

### ✓ JOINT COMFORT

The treatment reduces pain and improves mobility. It also helps prevent injuries, increase training load, and optimize recovery.

### ✓ PROVEN EFFICACY

97% of users are ready to recommend the use of the treatment to their loved ones after 4 weeks of testing.

93% of athletes who tested the treatment are satisfied with the treatment after 12 weeks

To discover testimonials from our users, visit our website:



## D LEDVARD®

Enhance your sports potential



PHOTO CREDIT: ROMAIN PICARD

### **KEEP ON TRAINING**









