

## ■ Joint Support

**SENIOR  
FLEX™**

**MATRIX 4™**

**MATRIX 5  
H/A™**

**Hy-FLEX™**

**HYLAGEN 60™**

**4 IN 1™  
MVP**

**4 IN 1™  
H/A**

**5 IN 1™  
H/A**

**CETYL-  
Flex™  
H/A**

**MED-VET  
MVP  
PHARMACEUTICALS, LTD.**

## In Review

### Key Joint Ingredient Activity

#### Support/Function:

##### Glucosamine

“**Cartilage Rebuilder**” stimulates production of chondroitin sulfates, inhibits enzymes and free radicals that compromise cartilage integrity.

##### Chondroitin Sulfate

“**Cartilage Protectant**” that stimulates production of Hyaluronic Acid and inhibits negative enzyme activity.

##### Hyaluronic Acid

Plays a key roll in “**Joint Lubrication**” by binding water/ moisture in the joint fluid and cartilage for shock absorption.

##### MSM

Referred to a dry form of (**DMSO**) – source of sulfur with properties to support **inflammation** and **pain reduction**; powerful antioxidant.

##### Ester-C

Powerful antioxidant recognized for it's support properties to neutralize **tissue toxin (free radicals)** and **joint inflammation**. **Non-acidic, with 3-4X metabolic activity** than vitamin C (ascorbic acid).

##### Yucca

Contains saponins that are precursors to cortisone and recognizes as support in **reducing pain/inflammation**.

##### Cetyl Myristoleate

Cetyl ester fatty acid is recognized for its support activity in reducing inflammation. It functions as a “**Surfactant**” which tends to **lubricate tissue** and **synovial fluid** to allow the joint to move more freely.

##### Hydrolyzed Collagen (Type II)

Supports building blocks for new cells in **rebuilding damaged cartilage**.

**MED-VET PHARMACEUTICALS, Ltd.**

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