



Item #3293

Product Class: 330

Quality Assurance

Product Name: Joint Support™ Natural Cream, 4 oz

VITORTHO

Description: Joint Support™ all natural cream is a great formulation created by Certified Nutritionists at NOW Foods, for the temporary relief of minor aches and pains of joints associated with arthritis.

Container Size: 4 oz. White straight-sided jar with white dome cap and disc, sealed and shrink wrapped. (Also available in a Trial size of **0.5 oz.** (NOW # 3294) white round jar with white dome cap and disc, sealed and shrink wrapped). 12 containers per Box.

Color/Appearance: A light beige opaque cream, free from any foreign matter.

Odor: Strong Characteristic Methyl Salicylate smell

Specific Gravity (@ 25°C, w/w): N/A

pH (@ 25°C): 3.50-4.75

Moisture: 60-65%

Ash (Residue on Ignition): N/A

Viscosity (@ 25°C, using TC @ 10 rpm): 12,000 – 25,000 cps (centipoises)

Solubility (Water): Dispersable

Solvent Used: For Extraction: Hexane extracted grapefruit extract

Solvent Residue: None at ppm level

Sterilization Method (Ethylene Oxide(EtO)/EDB/Irradiation/Sulfur Dioxide): N/A

Sterilization Residues: None

Nutritional Information: N/Ap. FOR EXTERNAL USE ONLY.

Expiration Date (from time of Mfg.)/ Shelf Life: Under optimal storage conditions at 50°F – 85°F, in UNOPENED original container, NLT 720 days (results from Burnham Lab.)

Test Method for Shelf Life: Vendor

Storage: Store in a cool, dry, and dark environment in a tightly sealed original container.

Temperature for Storage: below 70°C

Moisture Free: Y

Low Oxygen: Y

Maximum Inventory Storage (Weeks):

Room Temperature: 6

Refrigeration: 18

Freezer: Do not freeze

Retail Storage Temperature: 50°F – 85°F, with NMT 55% relative humidity

Packaging-Special requirements: White straight-sided jar with white dome cap and disc, sealed and shrink wrapped.

Specifications- Ingredients by Reference Number, Weight (Proportion) (Actives):

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Ref.	Weight (Proportions) (%)	Ingredients
3293	60 – 65%	Purified/ Distilled Water
	9 – 11%	Glyceryl Stearate
	5 – 8 %	Caprylic/ Capric Triglyceride (from Vegetable)
	5%	Methyl Salicylate (Natural)
	3%	Glucosamine Hydrochloride
	1 – 3%	Safflower Oil
	1 – 3%	Glycerin
	1.5%	^E Boswellin® Extract (<i>Boswellia serrata</i>)
	1 – 1.5%	Squalane (from Olive)
	1 – 1.5%	Emulsifying Wax (from coconut/ palm/ corn)
	1 – 1.5%	Stearic Acid
	0.250%	E-Liquid F-1300 (D- α -Tocopheryl acetate)
	0.025%	Capsaicin
	0.050%	Retinyl Palmitate (Vitamin A)
	0.100%	Ascorbyl Palmitate (Vitamin C)
	0.2 – 0.3%	Grapefruit Extract
	0.5 – 0.75%	Xanthan Gum
Total Weight:	100.00%	

Impurities (maximum permitted levels): *Chemical By-Products/Deterioration Products:* None present

Pesticides: None

Foreign Material/ Synthetic Chemicals: Absent

All ingredients are GE free (not genetically engineered)– if available, Non- High Energy Processed (a.k.a. irradiation, Microwaving), contain no artificial flavors or colors, and are preservative free. Only solvents or Manufacturing aids approved by NOW Foods may be used in its production.

Toxicity: LD₅₀ in rats (ml/kg): N/A. FOR EXTERNAL APPLICATION ONLY.

NOW QC Product Tests: SO, CO, OD, PH, MB, VS, PT, PN, TX, Heat units.

Assay Method (active ingredient (s)): Organoleptic tests; HPLC/ GC/ UV-Vis. for actives like Natural Vitamin E, Vitamin A, and Vitamin C; Microbiological test.

Approved Labs: NOW Foods/Hastings Laboratories.

Date Issued: 07-05-01

Supersedes: 11-23-99

Approved: Jim Roza

Lou DeMers

James Martin Roza
Quality Assurance Director

Date

Signed before me this _____ day of _____ 2002.

Notary Public

^E Boswellin® is a registered trademark