



PRODUCT SPECIFICATION SHEET FOR ONION OIL

GENERAL INFORMATION			
INCI Name	Allium cepa bulb extract		
Botanical source	<u>Allium cepa</u>		
Botanical family	Amaryllidaceae		
Status	Conventional/Organic		
Description	The volatile oil extracted by hydro or steam distillation of fresh bulbs of Allium Cepa		
Part of Plant Used	Bulb		
Production Process	Steam distillation		
Origin	Egypt		
Manufacturer	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2817	EINECS	232-498-2
FDA	182.2	CAS EINECS	8054-39-5
CAS TCSA	8002-72-0	Product Code	PSD01100
PHYSICAL PROPERTIES			
Appearance	clear amber yellow to amber orange color Liquid		
Odour/taste	Spicy, Pungent, Strong, Onion		
Solubility	Insoluble in Water , Soluble in alcohol and fixed oils		
Refractive index @20°C	1,4850 - 1,5650	Density @20°C	0,990 - 1,190
Optical Rotation @20°C	-5.0 to +5.0	Flash point	40°C
Shelf Life	24 Months		
10.Uses	Pharmaceutical Industries, Food Additive		
PRINCIPAL CHEMICAL CONSTITUENTS (by GC %):			
methyl propyl disulfide	From 2.5 to 8 %	methyl propyl trisulfide	From 7 to 15 %
Dipropyl disulfide	From 19 to 35 %	Dipropyl Trisulfide	From 13.5 to 25 %
Trans-propenyl propyl disulfide	From 2.5 to 12 %	Dipropyl Tetra sulfide	From 3 to 12 %

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

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Approved by:	QA	Version:	24 Jan. 2020
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