



# Hindustan

## MINT & AGRO PRODUCTS Pvt. Ltd.

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Factory- Devarkhera, Moradabad Road, Chandausi- 244412 (India)  
Phone: +91-5921-250540 Fax : +91-5921-250074  
E-mail : hindustan@hindustanmint.in, phoolprakash@hindustanmint.in  
Web-site : www.hindustanmint.com

**A Company since 1976**

DRUG LIC. (USP/BP/IP)No. 27 of 1997  
WHO-GMP, US-FDA  
ISO-9001:2015  
ISO-14001:2004  
ISO-22005:2005  
GLP, KOSHER,  
HALAL, HACCP, REACH  
FSSAI- Certified Company

## TECHNICAL DATA SHEET

**PRODUCT NAME:** - L-Limonene 90.0%

**SOURCE NAME:** - *Mentha Arvensis L.*

**OTHER NAME:** - 1-Methyl-4-(1-methylethenyl)cyclohexene

**IUPAC NAME:** - 1-Methyl-4-(prop-1-en-2-yl)cyclohex-1-ene

### **CHEMICAL PROPERTIES: -**

|               |              |                          |
|---------------|--------------|--------------------------|
| CAS No.       | : 5989-54-8. | Product code: HM-LLMO-90 |
| HS Code       | : 33011300   | EC No.: 227-815-6        |
| Flash Point   | : N/A        | FEMA: 2633               |
| Boiling Point | : N/A        |                          |

### **DESCRIPTION:-**

Clear Colorless, Slightly yellow and Transparent.

### **SPECIFICATION:-**

| Parameters                   | Specification                    | Test Method           |
|------------------------------|----------------------------------|-----------------------|
| <b>1). Physicochemical</b>   |                                  |                       |
| a). Description              | Slightly yellow and Transparent. | Visual                |
| b). Odor & Taste             | Pleasant Orange like odor.       | Organoleptic          |
| c). Density at 20°C          | 0.8400 to 0.8600                 | Digital density Meter |
| d). Specific Gravity at 20°C | 0.8400 to 0.8600                 | Digital density Meter |
| e). Refractive index at 20°C | 1.4500 to 1.4800                 | Digital RI Meter      |
| f). Optical Rotation at 20°C | -95.0° to -102.0°                | Digital Polarimeter   |
| g). L-Limonene               | 88.0% to 92.0%                   | Gas Chromatography    |

Conti...

### **MANUFACTURERS & EXPORTER :-**

MENTHOL, PEPPERMINT OIL, MINT ALLIED PRODUCTS, ESSENTIAL OILS, HERBAL EXTRACTS,  
AROMATIC CHEMICALS, PHYTO CHEMICALS, SPICE OILS



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## **LABELING: -**

The label states whether the contents are L-Limonene

## **HANDLING: -**

Wear safety glasses or goggles and rubber gloves when handling. If transferring to or from the container use proper grounding procedures. See Material Safety Data Sheet for full information.

## **PACKING: -**

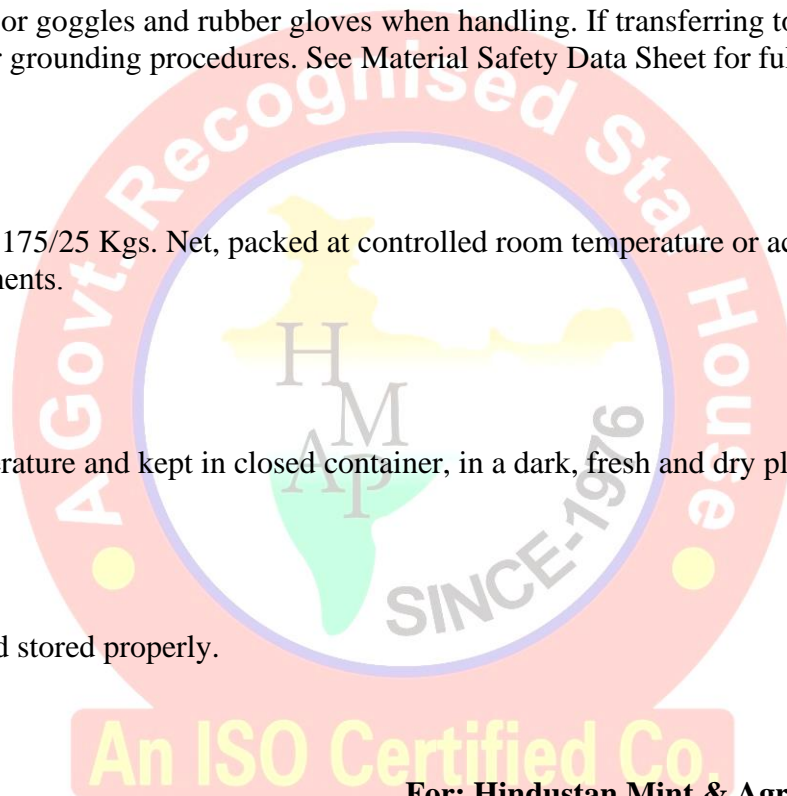
In new GI drums of 175/25 Kgs. Net, packed at controlled room temperature or according to customer's requirements.

## **STORAGE: -**

Store at room temperature and kept in closed container, in a dark, fresh and dry place

## **SHELF LIFE: -**

3 Years if sealed and stored properly.



**For: Hindustan Mint & Agro Products Pvt. Ltd.**

**Authorized Signatory**

\*electronically generated document need not to be signed.

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