

MATERIAL SAFETY DATA SHEET
ACCORDING TO EC LEGISLATION 91/155/E EC

Date created: August 2002

Date revised: June 2005

1. Identification:

Commercial name: *Hop*
Botanical Nomenclature: *Humulus lupulus*
INCI name: *Humulus lupulus*
CAS number: 8007-04-3
EINECS CAS number: 8060-28-4
EEC Number: 232-504-3

2. Composition:

Main components:
Additives (e.g. carriers, preservatives, antioxidants):

3. Potential Health Hazards:

Inhalation: *None identified.*
Skin: *Concentrated liquid and vapours irritating to skin by prolonged exposure.*
Eyes: *Irritating to eyes with possible damage.*
Ingestion: *Harmful if swallowed.*

4. First aid:

Inhalation: *If discomfort is felt, remove person to a well ventilated area with plenty of fresh air.*
Skin: *Remove contaminated clothing. Wash affected area with plenty of soap and water.*
Eyes: *Flush immediately with plenty of cool water for 10 to 20 minutes. Seek medical advice from a Medical Doctor.*
Ingestion: *Seek immediate medical care.*

5. In case of fire:

Extinguishing Media: *Foam, Carbon dioxide.*
Do not use: *Water.*
Special precautions: *Wear breathing apparatus as toxic vapours may be released during fire.*

6. Spill and Leak Procedure:

Individual precautions: *Eliminate sources of ignition. Keep area well ventilated and isolate the spill.*
Environmental protection: *Prevent the liquid from entering the drains and sewers.*
Cleaning methods: *Soak up the spill using inert absorbents. For large spills use pumps.*

7. Handling and storage:

Store in a cool, dry and dark place in suitable containers (aluminium cans or lacquer lined steel drums).
Handle in a well ventilated area.
Keep away from sources of heat and ignition.

8. Personal Protection / Exposure control:

Respiratory protection: *Wear breathing apparatus when working in an area of high vapour concentration.*
Skin protection: *Use protective gloves. Wear protective clothing when possibility exists of contact.*

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FOR AND ON BEHALF OF PHOENIX NATURAL PRODUCTS:

J.S. CHANA..... (MANAGING DIRECTOR)

DATE:.....