
DLC LABORATORIES, INC.

Material Safety Data Sheet

MSDS**05-FEB-2004**

IODINE TINCTURE

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

PRODUCT NAME IODINE TINCTURE
CHEMICAL FAMILY Mixture

Company Identification

MANUFACTURER/DISTRIBUTOR

DLC LABORATORIES, INC.
7008 Marcelle Street
Paramount, CA 90723

PHONE NUMBER

1-800-858-3889

COMPOSITION/INFORMATION ON INGREDIENTS

PROPRIETARY MIXTURE CONTAINING IN PART:

IODINE: PEL (OSHA): 0.1 ppm
TLV (ACGIH): 0.1 ppm ceiling

ETHANOL: PEL (OSHA): 1000 ppm, 1900 mg/m³
TLV (ACGIH): 1000 ppm, 1880 mg/m³

HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****
* Flammable reddish brown liquid. Eye irritant. *
* Harmful if swallowed. *

Potential Health Effects:

EYE: Contact will cause irritation.

SKIN: Contact should not cause irritation.

INGESTION: Toxic if large quantities ingested.

INHALATION: Irritation of the nose, throat, and lungs may result from over-exposure to vapors or mist.

CHRONIC (CANCER) INFORMATION: Not classified as carcinogenic.

LONG TERM TOXIC EFFECTS: Alcohol is a classified as a reproductive toxin.

FIRST AID MEASURES

First Aid

INHALATION: Remove to fresh air.

SKIN CONTACT: Wash thoroughly.

EYE CONTACT: Irrigate eyes with running water for at least 15 minutes. Get medical attention if irritation develops.

INGESTION: If large quantities ingested give milk than a starch solution made by mixing two tablespoons of cornstarch or flour in a pint of water. Call a physician. Never give anything by mouth to an unconscious person.

FIRE FIGHTING MEASURES

Flammable properties:

Flammable

Flash point: NE

EXTINGUISHING MEDIA Dry Chemical; Carbon Dioxide; Foam; Water spray for large fires.

SPECIAL FIRE FIGHTING PROCEDURES:..... As for surrounding fire.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

HANDLING AND STORAGE

Store under ambient conditions. No special handling required.

EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS:..... None
SKIN PROTECTION REQUIREMENTS: ... None
RESPIRATOR REQUIREMENTS: None.
VENTILATION REQUIREMENTS: If needed, use local exhaust ventilation to keep airborne concentrations below the TLV.

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM..... Reddish Brown Liquid

STABILITY AND REACTIVITY

STABILITY: This is a stable material.

HAZARDOUS POLYMERIZATION:..... Will not occur.

INCOMPATIBILITIES:..... None special.

TOXICOLOGICAL INFORMATION

Mixture not tested but based on components:

Iodine

Oral LD50: 14,000 mg/kg in rats, Human LDLo: 28 mg/kg

Large doses of iodine cause severe vomiting, diarrhea, abdominal pain, thirst, shock, fever, delirium, and death. Prolonged exposure to iodine compounds may produce iodism and deficiency of thyroid hormone.

Ethanol

Oral LD50: 7,060 mg/kg in rats

May cause eye irritation and harmful if swallowed in large quantities.

Irritation of the nose, throat, and lungs may result from over-exposure to vapors or mist.

Classified as a reproductive toxin.

None of the components are listed as carcinogens.

ECOLOGICAL INFORMATION

No data for mixture.

DISPOSAL CONSIDERATIONS

Waste Disposal:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

TRANSPORTATION INFORMATION

DOT DENATURED ALCOHOL

Hazard Class: 3 FLAMMABLE LIQUID

DOT Identification: NA1987

Packing Group: II

Hazard Label: 3

Max. Passgr. Air/Rail: 5 L

Max. Cargo Only Air/Rail: 60 L

But package not regulated based on small size.

REGULATORY INFORMATION

U.S. Federal Regulations

TSCA Inventory Status : Reported/Included.

Section 313 Supplier Notifications.

This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Canadian Regulations:

DSL: included.

European Regulations: EINECS: all chemicals listed.

OTHER INFORMATION

STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

Ethanol but only in beverages.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: Ethanol but only in beverages.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of DLC Laboratories. The data on this sheet relates only to the specific material designated herein. DLC assumes no legal responsibility for use or reliance upon these data.

Responsibility for MSDS :

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