

MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Trade Name: Marathon Blanket Conditioner 15

Chemical names, common names: Volatile solvent mixture Manufacturer's Name HURST CHEMICAL COMPANY.

Address: 2500 San Fernando Road, Los Angeles, CA 90065 DOT CLASSIFICATION: combustible liquid,n.o.s., combustible liquid

NA 1993, PG III (contains naphtha,petroleum)173.150

For Product Information, call: (323) 223-4121

FOR EMERGENCY, CALL CHEMTREC, 24 HOUR: 800 424-9300

II. HAZARDOUS INGREDIENTS

Exposure Limits in Air

Chemical NamesCAS NumberACGIH (TWA)OSHA (PEL)Dipropylene glycol methyl ether34590-94-8100 ppm100 ppmMineral spirits64741-41-9100 ppm100 ppm

Tetrahydro-1,4-Oxazine 110-91-8 20 ppm 20 ppmTWA(skin)

Section IIA - This product contains the following chemicals subject to reporting requirements of SARA 313 and

40 CFR 372.

<u>Listed Ingredients</u> <u>CAS Number</u> <u>Weight % Range</u>

None None None

III. PHYSICAL PROPERTIES

Vapor density (air = 1):Specific Gravity:0.925Density lb/gal:7.71Solubility in water:70%VOC Composite Partial Pressure, mm Hg at 20°C:5.7

Evaporation rate (Bu Ac = 1): <1 Boiling Range °F: 202

Appearance and odor: Clear liquid with ether like odor.

Non-Photochemical Reactivity Rule-102: None

Volatile Organic Content (VOC, EPA Method 24): 924 gm/l or 7.71 lb/gal

IV. FIRE AND EXPLOSION

HAZARD RANKING

HMIS Health Hazard=1 0=Least 4=Extreme

HAZARD Flammability=2 1=Slight
CLASS Reactivity= 0 2=Moderate
Other= gloves & goggles 3 = High

Flash Point °F: 110

Autoignition temperature °F: n/a

Fire extinguishing materials: No water spray Yes carbon dioxide Yes foam

Yes dry chemical No other

<u>Special firefighting procedures:</u> The use of a self-contained breathing apparatus (SCBA) is recommended for fire fighters. Fight fire from maximum distance. Water spray may be useful in minimizing vapors and cooling containers exposed to heat or flame. Avoid spreading burning liquid with water used for cooling purposes.

<u>Unusual fire and explosion hazards:</u> This material is combustible and may be ignited by heat or flame. Flashback along vapor trail may occur. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers.

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE -

Inhaled: Breathing high concentrations of vapors or mists may cause irritation of the nose and throat. Signs of nervous system depression (eg, headache, drowsiness, dizziness, loss of coordination, and fatigue).

ontact with skin or eyes: Severe eye and skin irritant, direct eye contact with this product or it's vapors or mists may cause burning, tearing, redness, swelling and eye damage.

Skin Absorption: Persons with pre-existing skin disorders may be more susceptible.

Swallowed: While this product has a low degree of toxicity, ingestion may cause irritation of the digestive tract.

HEALTH EFFECTS OR RISKS FROM EXPOSURE -

Acute: Irritation of the skin, eye, and the digestive tract.

Chronic: Nervous system depression.

FIRST AID: EMERGENCY PROCEDURES -

Eye contact: Flush eyes with clean water for 20 minutes and seek medical advice.

Skin contact: Flush immediately with water. If irritation and redness develops, seek medical advice.

Inhaled: Move victim away from source of exposure and into fresh air. Seek medical advice.

Swallowed: If victim is unconscious, place victim on their left side with their head down. Seek medical advice.

COMMENTS: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA.

Reports have associated repeated and prolonged occupational over exposure to solvents with permanent

brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

VI. REACTIVITY DATA

Stability: Stable under ordinary conditions of use and storage.

Incompatibility (materials to avoid): Acid and strong oxidizing agents.

Hazardous decomposition products (including combustion products): Carbon monoxide, carbon dioxide, acetaldehyde, formaldehyde and oxides of nitrogen.

Hazardous polymerization: Will not occur.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures: Eliminate ignition sources, contain spills for salvage or disposal. Minimize dilution with water to control spill volume. Avoid run off into sewers and ditches.

Preparing wastes for disposal: Dispose of product in accordance with local, county, state and federal regulations.

VIII. SPECIAL HANDLING INFORMATION

Ventilation and engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations may be used.

Respiratory Protection: :The use of respiratory protection is advised when concentrations exceed the established exposure limits. Depending on the airborne concentration, use a respirator or gas mask with appropriate cartridges and cannisters (NIOSH Approved).

Eye Protection: Use safety goggles where solvent splashes are expected.

Gloves: Prevent repeated or prolonged skin contact with nitrile or other solvent resistant gloves.

OTHER HANDLING AND STORAGE REQUIREMENTS:

Keep containers tightly closed. Keep containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practice. "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

HURST CHEMICAL COMPANY furnishes Material Safety Data Sheets based upon information from raw material suppliers. This information is provided in compliance with Federal Regulation 29CFR 1910.

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