

MATERIAL SAFETY DATA SHEET

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling and disposing of this product.

Pass this information on to employees, customers, and users of this product.

I. CHEMICAL PRODUCT & COMPANY IDENTIFICATION / HAZARD RATINGS
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PRODUCT IDENTITY:	DETCO #2 THINNER	
COMPANY IDENTITY:	DETCO MARINE	HAZARD RATINGS:
COMPANY ADDRESS:	7220 FENWICK LANE	HEALTH (NFPA) : 0
COMPANY CITY:	WESTMINSTER, CA 92683	HEALTH: (HMIS) : 1
COMPANY PHONE:	(714) 895-7002	FLAMMABILITY : 2
CHEMTREC PHONE:	(800) 424-9300	REACTIVITY: 0
PREPARED BY:	Douglas E. Templin 4/1/04	

II. INGREDIENT & REGULATORY INFORMATION
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All components of this product are on the TSCA list.

This material contains no known products restricted under SARA Title III, Section 313.

	<u>CAS #</u>	<u>WT. %</u>	<u>RQ (LBS)</u>
<u>SARA TITLE III INGREDIENTS</u>			
*Medium Aliphatic Solvent Naphtha	64742-88-7	Not Appl. (311,312)	None
<u>SARA SECTION 311/312 HAZARDS:</u> Acute Health, Fire			
<u>MATERIAL</u>		<u>TWA + (OSHA)</u>	<u>TLV (ACGIH)</u>
Medium Aliphatic Solvent Naphtha	64742-88-7	100 ppm	100 ppm
<u>MATERIAL</u>		<u>CEILING</u>	<u>STEL</u>
<u>(OSHA/ACGIH)</u>			
Medium Aliphatic Solvent Naphtha		None known	None known

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA
AQMD RULE 443.1 AND SIMILAR REGULATIONS

CALIFORNIA PROPOSITION 65: This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

DOT SHIPPING NAME: Paint Related Material, 3, UN1263, PG-III

CONTAINERS LESS THAN 119 GALLONS: Not Regulated.

III. HAZARDS IDENTIFICATION

THRESHOLD LIMIT VALUE: 100 ppm (Freshly Prepared)
CONTAINS: PETROLEUM NAPHTHA: WARNING, COMBUSTIBLE

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.

Primary irritation to eyes, redness, tearing, blurred vision.

Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

SWALLOWING:

Harmful or fatal if swallowed.

Swallowing can cause abdominal irritation, nausea, vomiting and diarrhea.

III. HAZARDS IDENTIFICATION (continued)**SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED**

Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS**CHRONIC HAZARD:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%. This product may contain less than 1 ppm of benzene, not considered hazardous in such low concentrations.

IV. FIRST AID MEASURES PROCEDURES**EYE CONTACT:**

Flush with plenty of water for 15 minutes and get medical attention.

SKIN CONTACT:

In case of contact with skin, immediately remove contaminated clothing.
Wash thoroughly with soap and water. Wash contaminated clothing before reuse.
(Discard contaminated shoes.)

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen.
If breathing has stopped, give artificial respiration.

SWALLOWING:

If swallowed, CALL A PHYSICIAN IMMEDIATELY! Never give anything by mouth to an unconscious person.

V. FIRE FIGHTING MEASURES

LOWER FLAMMABLE LIMIT IN AIR (% by vol): .9

FLASH POINT (TEST METHOD): 42°C / 108°F (TCC)

FLAMMABILITY CLASSIFICATION: Class II

EXTINGUISHING MEDIA:

NFPA Class B extinguishers (Carbon Dioxide or foam) for Class II liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers.

Use fog nozzles if water is used.

Do not enter confined fire-space without full bunker gear.

(Helmet with face shield, bunker coats, gloves and rubber boots).

Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES:**COMBUSTIBLE!!**

Keep container tightly closed.

Isolate from oxidizers, heat, and open flame.

Closed containers may explode if exposed to extreme heat.

Applying to hot surfaces requires special precautions.

Empty container very hazardous! Follow all label precautions!

VI. ACCIDENTAL RELEASE MEASURES**SPILL OR LEAK PROCEDURES:**

Stop spill at source. Dike area and contain. Clean up remainder with absorbent materials.

Mop up and dispose.

WASTE DISPOSAL METHOD:

Recycle or dispose by observing local, state and Federal health, safety and pollution laws.

If questions exist, contact the appropriate agencies.

OTHER PRECAUTIONS:

None.

VII. HANDLING AND STORAGE

HANDLING:

Isolate from oxidizers, heat, and open flame. Use only with adequate ventilation.
 Avoid breathing of vapor or spray mist.
 Avoid prolonged or repeated contact with skin.
 Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
 Wear gloves, apron and footwear impervious to this material. Wash clothing before reuse.
 Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE:

Do not store above 49°C/120°F. Store large amounts in structures made for OSHA Class II liquids. Keep container tightly closed and upright when not in use to prevent leakage.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS:

Ventilate to keep vapors of this material below 50 ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus.

Consult Safety Equipment Supplier. Use explosion-proof equipment.

VENTILATION:

LOCAL EXHAUST	: Necessary
MECHANICAL (GENERAL)	: Acceptable
SPECIAL	: None
OTHER	: None

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
 Wear gloves, apron and footwear impervious to this material. Wash clothing before reuse.

IX. PHYSICAL DATA

APPEARANCE:	Liquid, water, white
ODOR:	Mild
BOILING RANGE:	158 171 198°C / 318 341 390°F
SPECIFIC GRAVITY (Water=1):	.775
DENSITY IN LBS/GAL:	6.456
TOTAL VOLATILE ORGANIC COMPOUNDS (TVOC) (g/L):	775.0
VAPOR PRESSURE (mm of Hg) @ 20°C	2.0
VAPOR DENSITY (air=1):	4.9
WATER ABSORPTION:	Negligible
% VOLATILE BY VOL:	100.0

X. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID:

Isolate from oxidizers, heat & open flame.

MATERIALS TO AVOID:

Isolate from strong oxidizers such as permanganates, chromates & peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION:

Will not occur.