

# SAFETY DATA SHEET



Conforms to regulation (EC) no. EU 453/2010

## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product Identifier

**Product Name:** Omnimount

**Product Number:** HS-110

### 1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

Investigational research by professional users

### 1.3 Details of the Supplier of the Safety Data Sheet

#### Manufacturer

National Diagnostics  
305 Patton Drive  
Atlanta, GA 30036  
(404) 699-2121  
(800) 526-3867  
info@nationaldiagnostics.com

### 1.4 Emergency Telephone Number

#### ChemTel Inc.

Contract number MIS8894340

1-800 255-3924 (United States, Canada, Puerto Rico & US Virgin Islands)

01-800-099-0731 (Mexico)

400-120-0751 (China)

000-800-100-4086 (India)

1-300-954-583 (Australia)

0-800-591-6042 (Brazil)

+1-813-255-3924 (All other regions)

## SECTION 2 - HAZARDS IDENTIFICATION

### 2.1 Classification of the Substance or Mixture

**Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]**

H226 - Flammable Liquids (Category 3)

H304 - Aspiration Hazard (Category 1)

H315 - Skin Corrosion/Irritation (Category 2)

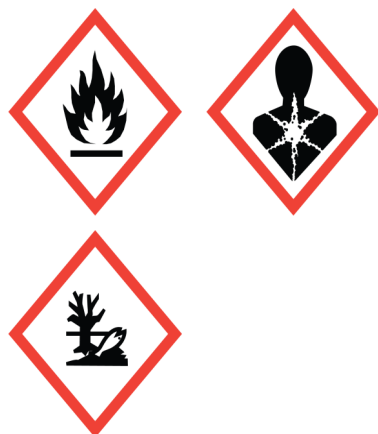
H336 - May cause drowsiness or dizziness

H411 - Chronic Hazards to the Aquatic Environment (Category 2)

### 2.2 Label Elements

#### GHS LABEL ELEMENTS AND CLASSIFICATION

##### GHS Label Elements



#### DANGER

H226 - Flammable liquid and vapor.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.

P273 - Avoid release to the environment.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician .

P331 - Do NOT induce vomiting.

P233 - Keep container tightly closed.

### 2.3 Other Hazards

None found.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixture

#### Chemical Names/Description

Histological mounting medium.

#### Component List

Component	% Comp.	CAS #	EC #	1278/2008 Classification
Solvent Naphtha, Light Aromatic	50	64742-95-6	265-199-0	H226, H304, H315, H336, H411
Proprietary Resin	50			N.A.

## SECTION 4 - FIRST AID MEASURES

### 4.1 Description of First Aid Measures

#### Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

#### Ingestion

DO NOT INDUCE VOMITING. If swallowed and the person is conscious, immediately give large amounts of water. Get medical attention.

#### Skin

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

#### Eyes

Immediately flush eyes with plenty of water for at least fifteen minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

#### Inhalation

##### Solvent Naphtha, Light Aromatic:

Symptoms may include sore throat, coughing, labored breathing, sneezing and burning sensation, depending on the concentration and duration of exposure. If CNS depression or effects occur, symptoms include headache, excitation, euphoria, dizziness, incoordination, drowsiness, light-headedness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death, depending on the concentration and duration of exposure.

##### Proprietary Resin:

#### Ingestion

##### Solvent Naphtha, Light Aromatic:

Ingestion symptoms may include salivation, pain, nausea, vomiting, and diarrhea. Exposure may also cause central nervous system symptoms similar to those listed under Inhalation

##### Proprietary Resin:

#### Skin

##### Solvent Naphtha, Light Aromatic:

Reddening, itching, and inflammation.

##### Proprietary Resin:

#### Eyes

##### Solvent Naphtha, Light Aromatic:

Irritation, redness, tearing, and blurred vision.

##### Proprietary Resin:

### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Unknown/not applicable

## SECTION 5 - FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Dry powder, foam, carbon dioxide. (Water may be ineffective.)

### 5.2 Special Hazards Arising from the Substance/Mixture

#### Hazardous Combustion Products

Thermal decomposition products may include carbon monoxide, carbon dioxide, and hydrocarbons.

#### Hazardous Decomposition Products

None

#### Hazardous Polymerization

Will not occur under normal conditions of use (See Sections 10.4 & 10.5).

### 5.3 Advice for Firefighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### 5.4 Further Information

No data available.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions

Wear appropriate protective equipment as specified in Section 8.

### 6.2 Environmental Precautions

Prevent discharge into the environment. Dike spills and stop leakage where practical. Do not allow material to enter drains.

### 6.3 Methods and Materials for Containment and Cleaning Up

Eliminate source of ignition. Ventilate area. Cover with absorbent material (soda ash) to confine spill and sweep or shovel into container. Close container tightly. Avoid breathing vapors.

### 6.4 References to Other Sections

For disposal information see Section 13. For protective clothing and equipment see Section 8.

## SECTION 7 - HANDLING AND STORAGE

### 7.1 Precautions for Safe Handling

Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Transfer methods should avoid static sparks. Use explosion proof ventilation.

### 7.2 Conditions for Safe Storage (including any incompatibles)

Keep in a tightly closed container, stored in a cooled, dry, ventilated area away from sources of heat or ignition. Protect from physical damage. Isolate from incompatible materials (section 10).

#### Incompatibles

##### Solvent Naphtha, Light Aromatic:

Oxidizing agents.

##### Proprietary Resin:

Strong oxidizing agents.

### 7.3 Specific End Uses

Investigational research by professional users

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PRECAUTIONS

### 8.1 Control Parameters

#### Component: Solvent Naphtha, Light Aromatic

ACGIH Threshold Limit Value (TLV):

50 ppm

OSHA Permissible Exposure Limit (PEL):

None established

**Component: Proprietary Resin**

ACGIH Threshold Limit Value (TLV):  
None established

OSHA Permissible Exposure Limit (PEL):  
None established

**8.2 Exposure Controls****Engineering Controls**

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source.

**Respiratory Protection**

If the exposure limit is exceeded, wear a supplied air, full-facepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus.

**Eye Protection**

Safety glasses.

**Skin Protection**

Wear protective gloves and clean body covering clothing.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on Basic Physical & Chemical Properties**

a. Appearance	Clear, colorless liquid	b. Odor	None
c. Odor Threshold	N.A.	d. pH	N.A.
e. Melting/Freezing Point (°C)	NA	f. Boiling point (°C)	162-182
g. Flash Point (°C)	43.89	h. Evaporation Rate	0.3 (n-Bu Acetate=1)
i. Flammability	Combustible	j. Upper/Lower Flammability or Explosive Limits	LEL 1.2%; UEL 9.6%
k. Vapor Pressure	2 mmHG @68F	l. Vapor Density (Air = 1)	4.94
m. Relative Density	0.75@60F	n. Water Solubility	Insoluble
o. Partition Coefficient n-octanol/water	Mixture	p. Autoignition Temperature (°C)	559F (approximate)
q. Decomposition Temperature (°C)	Not applicable.	r. Viscosity	No data available.
s. Explosive Properties	Contains combustible solvent	t. Oxidizing Properties	Not an oxidizer

**SECTION 10 - STABILITY AND REACTIVITY****10.1 Reactivity**

Not reactive under recommended conditions of use and storage. Contains a volatile, combustible solvent.

**10.2 Chemical Stability**

Stable under normal conditions of use.

**10.3 Possibility of Hazardous Reactions**

Will not occur under normal conditions of use (See Sections 10.4 & 10.5).

**10.4 Conditions to Avoid**

Heat, sources of ignition.

**10.5 Incompatible Materials****Solvent Naphtha, Light Aromatic:**

Oxidizing agents.

**Proprietary Resin:**

Strong oxidizing agents.

**10.6 Hazardous Decomposition Products**

None

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Product LD50 Values

#### Oral Rat LD50 (mg/kg)

No data

#### Dermal Rabbit LD50 (mg/kg)

No data

### Component Cancer List Status

	NTP Carcinogen		IARC Category
	Known	Anticipated	
Solvent Naphtha, Light Aromatic	No	No	3
Proprietary Resin	No	No	None

### Potential Health Effects

#### Inhalation

##### Solvent Naphtha, Light Aromatic

SLIGHTLY TOXIC. Breathing of the mists, vapors or fumes may irritate the nose, throat, and lungs. May cause central nervous system depression or effects. May cause cardiac sensitization, including arrhythmias (irregular heart beats) and death due to cardiac arrest. Chronic exposure to high doses may damage the peripheral nerves, resulting in numbness or tingling in the extremities. See also Reproductive Toxicity and Target Organ Statement for further special toxic effects.

##### Proprietary Resin

#### Ingestion

##### Solvent Naphtha, Light Aromatic

MODERATELY TOXIC. May cause irritation of the mouth, throat, and gastrointestinal tract. Aspiration into lungs may cause chemical pneumonia and lung damage. Aspiration symptoms may be delayed in onset by up to 24 hours. Exposure may also cause central nervous system symptoms similar to those listed under Signs and Symptoms of Overexposure - Inhalation. See also Reproductive Toxicity and Target Organ Statement for further special toxic effects.

##### Proprietary Resin

#### Skin

##### Solvent Naphtha, Light Aromatic

SLIGHTLY IRRITATING. Contact may cause reddening, itching and inflammation. Repeated or prolonged skin contact may cause reddening, itching and inflammation. Defatting agent.

##### Proprietary Resin

#### Eyes

##### Solvent Naphtha, Light Aromatic

SLIGHTLY IRRITATING. Exposure to vapors, fumes or mists may cause irritation. Direct contact may cause irritation, redness, tearing, and blurred vision. Prolonged or repeated exposure may cause irritation and conjunctivitis.

##### Proprietary Resin

### Carcinogenicity

#### Solvent Naphtha, Light Aromatic

Benzene, a known carcinogen, may be present in trace amounts, less than 50 ppm. Otherwise, there are no known or anticipated carcinogens present in Naphtha.

#### Proprietary Resin

### Mutagenicity

#### Solvent Naphtha, Light Aromatic

No information available.

#### Proprietary Resin

### Reproductive Toxicity

#### Solvent Naphtha, Light Aromatic

This product contains components which may cause adverse reproductive effects. Pregnant women may be at an increased risk from exposure. Consumption of alcoholic beverages may enhance toxic effects.

#### Proprietary Resin

## Teratogenic Effects

### Solvent Naphtha, Light Aromatic

This product contains components which may cause adverse developmental effects. Pregnant women may be at an increased risk from exposure. Consumption of alcoholic beverages may enhance toxic effects.

Proprietary Resin

## Routes of Entry

### Solvent Naphtha, Light Aromatic

Inhalation, ingestion, or skin contact.

Proprietary Resin

## Target Organ Statement

### Solvent Naphtha, Light Aromatic

Acute or chronic overexposure to this material or its components may cause systemic toxicity, including adverse effects to the following: kidney, liver, spleen, adrenals, thymus and central nervous system. Pre-existing medical conditions which may be aggravated by exposure include disorders of the skin, kidney, liver, cardiovascular and respiratory systems.

Proprietary Resin

## SECTION 12 - ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### COMPONENT: Solvent Naphtha, Light Aromatic

	Vertebrates	Invertebrates	Algae	Microorganisms
Aquatic Toxicity (ppm unless otherwise noted)	LL50 (96 hr, fathead minnow) 8.2mg/l	EL50 (48hr, daphnia) 4.5mg/l	EL50 3.1mg/l	EL50 15mg/l
	Birds	Arthropods	Plants	Microorganisms
Terrestrial Environment Toxicity (ppm unless otherwise noted)	No data	PNEC 0.4-20 mg/l	PNEC 0.4-20 mg/l	PNEC 0.4-20 mg/l

#### COMPONENT: Proprietary Resin

	Vertebrates	Invertebrates	Algae	Microorganisms
Aquatic Toxicity (ppm unless otherwise noted)	No data	No data	No data	No data
	Birds	Arthropods	Plants	Microorganisms
Terrestrial Environment Toxicity (ppm unless otherwise noted)	No data	No data	No data	No data

### 12.2 Persistence and Degradability

#### Solvent Naphtha, Light Aromatic

Inherently biodegradable: 74% elimination in 28 days

#### Proprietary Resin

No data

### 12.3 Bioaccumulative Potential

#### Solvent Naphtha, Light Aromatic

No data

#### Proprietary Resin

No data

### 12.4 Mobility in Soil

#### Solvent Naphtha, Light Aromatic

log K<sub>oc</sub> ~2

#### Proprietary Resin

No data

### 12.5 Results of PBT and vPvB Assessment

#### Solvent Naphtha, Light Aromatic

not PBT / vPvB

Proprietary Resin  
No data

## 12.6 Other Adverse Effects

Solvent Naphtha, Light Aromatic  
None

Proprietary Resin  
None

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Offer surplus or non-recyclable product to licensed disposal company. Disposal is subject to user compliance with applicable law and product characteristics at time of disposal. Dispose of packaging as product.

## SECTION 14 - TRANSPORT INFORMATION

	ADR/RID	IATA	IMO	DOT
14.1 UN Number	1268	1268	1268	N.A.
14.2 Shipping Name	Petroleum Products N.O.S. (Naphtha Solvent)	Petroleum Products N.O.S.	Petroleum Products N.O.S. (Naphtha Solvent)	Not regulated.
14.3 Hazard Class	3	3	3	N.A.
14.4 Packing Group	III	III	III	N.A.
14.5 Environmental Hazards	N.A.	N.A.	Not regulated	N.A.
14.6 Special Precautions	N.A.	N.A.	N.A.	N.A.

## SECTION 15 - REGULATORY INFORMATION

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance/Mixture

#### United States

##### TSCA Regulatory Statement

All intentional ingredients are listed on the TSCA Inventory.

##### SARA 311/312 Hazard Categories

Component	Fire	Pressure	Reactivity	Acute	Chronic
Solvent Naphtha, Light Aromatic	Yes	No	No	Yes	Yes
Proprietary Resin	Yes	No	No	No	No

#### Europe

##### EEC Regulatory

All intentional ingredients are listed on the European EINECS Inventory.

## SECTION 16 - OTHER INFORMATION

### Revisional Updates

8/8/2023 - Updated Section 14.5

4/26/2019 - Updated Section 1.4

5/29/2015 - Updated Sections 2.1 and 3.1

8/12/2013 - Released Version 1.0

### NFPA Codes

Health 1 Flammability 2 Reactivity 0

### Dangers

#### Solvent Naphtha, Light Aromatic

H226 - Flammable liquid and vapor.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Proprietary Resin  
None

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