



Dampney Company, Inc.
85 Paris Street
Everett, Massachusetts, U.S.A. 02149
Email: sales@dampney.com
Telephone: (617) 389 2805

Dampney 112 Thinner
SDS Preparation Date (mm/dd/yyyy): 08/18/2021

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SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label: **Dampney Thinner**
Product Code(s): 112

Recommended use of the chemical and restrictions on use: Paint thinner, solvent

Use pattern: Professional Use Only

Recommended restrictions: None Known.

Name, address, and telephone number of the manufacturer:

Dampney Company, Inc.
85 Paris Street
Everett, Massachusetts, U.S.A. 02149

Email: sales@dampney.com

Supplier's Telephone #: (617) 389-2805

24 Hr. Emergency Tel # : Chemtrec 1-800-424-9300 (Within Continental U.S.).

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical
Clear liquid. Solvent odor.

Classification:

Flammable Liquid	Category 3
Carcinogen	Category 2
Specific Target Organ Toxicity (central nervous system)	Category 3
Specific Target Organ Toxicity (respiratory irritant)	Category 3
Aspiration toxicant:	Category 1

Label elements

Hazard pictogram(s)



Signal Word
Danger

Hazard statement(s)

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, lighting, mixing, application equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust, fume, gas, mist, vapours, or spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.



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Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER, hospital emergency room or doctor.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTER, doctor, or hospital emergency room if you feel unwell.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P370 + P378 In case of fire: Use dry chemical, CO₂, water spray (fog) or foam to extinguish.
P391 Collect spillage.

Storage:

P403 + P233 (S) Store in a cool, well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:

P501 Dispose of contents and empty container in accordance with local, state and federal regulations. Causes skin irritation

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
Solvent Naphtha (Petroleum), Light, Aromatic	64742-95-6	100.00

Hazardous constituents contained in complex substance required for disclosure		
Cumene	98-82-8	<1.0%
1,2,4-Trimethylbenzene	95-63-6	7.0%
Xylene	1330-20-7	2.0%

SECTION 4. FIRST-AID MEASURES

First aid measures for different exposure routes

General advice Avoid contact with eyes, skin, and clothing. Avoid breathing, vapors, mist, or gas.

Eye contact Flush thoroughly with water. If irritation occurs, get medical assistance.

Skin contact Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Inhalation Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

Ingestion Seek immediate medical attention. Do not induce vomiting.

Note to physician: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.
Suitable Extinguishing Media Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

SECTION 5. FIRE-FIGHTING MEASURES

Unsuitable Extinguishing Media Straight streams of water.

Specific hazards during firefighting Do not allow run-off from fire fighting to enter drains or water courses.

Specific extinguishing methods Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Use a water spray to cool fully closed containers.



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Protective Equipment and Precautions for Firefighters

Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Eliminate all ignition sources. Maintain adequate ventilation to keep the exposure levels below the DELS.
Environmental precautions	Report spills as required by local and federal regulations. Avoid contaminating ground and surface water
Methods for Containment	Prevent further leakage or spillage if safe to do so. Dike spill area to contain liquid.
Methods for cleaning up	Contain liquid and collect with a non-combustible material.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid breathing mists or vapors. Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage Keep containers tightly closed in a cool, well-ventilated place.
conditions

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	ACGIH		
	RCP – TWA	19 ppm	100 mg/m ³
Solvent Naphtha (Petroleum), Light, Aromatic	RCP – TWA	19 ppm	100 mg/m ³
Cumene	TWA	50 ppm	N/Av
1,2,4-Trimethylbenzene	TWA	25 ppm	N/Av
Xylene	TWA	100 ppm	N/Av

ACGIH: (American Conference of Governmental Industrial Hygienists)

TWA: Time Weighted Average

Exposure controls

Engineering Measures: Ventilation systems. Use adequate ventilation to keep the exposure levels below the recommended exposure limits.

Individual protection measures, such as personal protective equipment.

General information: Eye bath. Safety shower. Washing facilities.

Eye/Face Protection: Safety glasses with side-shields.

Skin and body protection: Chemical resistant apron. Protective gloves.

Respiratory protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear Liquid
Odour	: Aromatic
Ph	: No information available



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Melting/Freezing point : Not available
Boiling point : 279°F
Flash point : 77.0 – 118.0°F
Evaporation rate (BuAe = 1) : 0.26 times slower than n-Butyl Acetate
Lower flammable limit (% by vol.) : 1.0
Upper flammable limit (% by vol.) : 7.0
Vapour density (air =1) : Heavier than air
Specific gravity : 0.87 at 60°F
Weight per gallon : 7.24 lbs
Solubility in water : Negligible
% Volatile by weight : 100.0
% Volatile by volume : 100.0
Partition coefficient (n-octanol/water) : Not determined
Auto-ignition temperature : 905°F
VOC content % : 100

SECTION 10. STABILITY AND REACTIVITY

Reactivity Stable under recommended storage conditions
Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions
None under normal processing.
Conditions to Avoid Keep away from heat, sparks, flame and other potential ignition sources.
Incompatible Materials Store away from strong oxidizers.
Hazardous Decomposition Products
Material does not decompose at ambient temperatures.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact None known.
Eye contact None known.
Inhalation Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.
Ingestion Harmful if swallowed.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
For the product itself	3,492 mg/kg (Rat)	>3,160 mg/kg (Rabbit)	6,193 mg/m ³ (Rat) 4 h

Aquatic Toxicity data: : EL50 – Pseudokirchneriella subcapitata – 2.9 mg/l – 72 hours

SECTION 12. ECOLOGICAL INFORMATION

Persistence and degradability : 78% (28 d, ready biodegradability)
Bio-accumulative potential : No data available.
Mobility : No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle in accordance with good industrial hygiene and safety practice.
Methods of Disposal : Dispose in accordance with all applicable regulations.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
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49CFR/DOT	UN1263	Paint related material	3	III	FLAMMABLE
49CFR/DOT Additional information	When transported as a limited quantity the maximum net capacity specified in 173.150(b)(2) of the subchapter 49CFR for inner packagings may be increased to 5L (1.3 gallons) 172.102(C)(1)(149) special provision 149.				
TDG	UN1263	Paint related material	3	III	FLAMMABLE
TDG Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
IMDG	UN1263	Paint related material	3	III	FLAMMABLE
IMDG Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
ICAO/IATA	UN1263	Paint related material	3	III	FLAMMABLE
ICAO/IATA Additional information	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

Chemical Name	CAS Number	Typical Value
Cumene	98-82-8	<1.1%
1,2,4-Trimethylbenzene	95-82-8	<32.0%
Xylene	1330-20-7	<2.2%

SARA 311/312 Hazard Categories

Immediate Health Hazard Yes
Delayed Health Hazard Yes
Fire Hazard Yes

TSCA (US Toxic Substances Control Act): This product is listed on the TSCA inventory.

State RTK lists.

Pennsylvania, New Jersey, Minnesota, Illinois, and Rhode Island.

California Proposition 65

The product contains a chemical known to the State of California to cause cancer.

Cumene CAS 98-82-8

SECTION 16. OTHER INFORMATION

NFPA

Health hazard 1
Flammability 2
Reactivity 0

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
CA: California



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CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
CSA: Canadian Standards Association
DOT: Department of Transportation
EC50: Effective Concentration 50%.
EINECS: European Inventory of Existing Commercial chemical Substances
ENCS: Existing and New Chemical Substances
EPA: Environmental Protection Agency
HMIS: Hazardous Materials Identification System
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IECSC: Inventory of Existing Chemical Substances
IMDG: International Maritime Dangerous Goods Inh: Inhalation
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NJ: New Jersey
NIOSH: National Institute of Occupational Safety and Health
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organization for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
RCRA: Resource Conservation and Recovery Act
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TPQ: Threshold Planning Quantity
TSCA: Toxic Substance Control Act
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System

References :

Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2015 (Chempendium, RTECs, HSDB, INCHEM).
OECD- The Global Portal to Information on Chemical Substances - eChemPortal, 2015
European Chemicals Agency, Classification Legislation, 2015 Material Safety Data Sheet from manufacturer.

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Other special considerations for handling

: Provide adequate information, instruction and training for operators.

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