



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

Dampney 180 Thinner
SDS Preparation Date (mm/dd/yyyy): 04/17/2024

Page 1 of 6

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label: **Dampney Thinner**
Product Code(s): 180

Recommended use of the chemical and restrictions on use: VOC Exempt 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 North America)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical
Clear liquid. Solvent odor.

Classification:

Flammable Liquid – Category 2
Skin Irritation – Category 2
Eye irritation – Category 2A
Carcinogenicity Category 2
Specific Target Organ Toxicity - Single Exposure – Category 3 (Respiratory system)
Specific Target Organ Toxicity - Single Exposure – Category 3 (Narcotic effects)
Hazardous to the aquatic environment – Chronic Hazard – Category 3

Label elements

Hazard pictogram(s)



Signal Word
Danger

Hazard statement(s)
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer(inhalation)
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Prevention:

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.



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Page 2 of 6

SAFETY DATA SHEET

P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust, fume, gas, mist, vapours, or spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, protective clothing, eye protection, and face protection.

Response:

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.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER, doctor, or hospital emergency room if you feel unwell.
P321 Specific treatment see first aid on this label.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry chemical, CO₂, water spray (fog) or foam to extinguish.

Storage:

P403 + P233 + P235 (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.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
Acetone	67-64-1	70.0
Para-Chlorobenzotrifluoride	98-56-6	30.0

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: Rinse thoroughly with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact: Get medical attention immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before re-use.

Inhalation: Get medical attention immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Ingestion: if swallowed, get medical attention immediately. Only induce vomiting if directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam.

Unsuitable Extinguishing Media: Do not use straight streams of water.

Specific hazards during firefighting: Do not allow run-off from firefighting 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.

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.



Dampney 180 Thinner
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Page 3 of 6

SAFETY DATA SHEET

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. Collect with non-combustible absorbent material and place in container for disposal according to local / national regulations.
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 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	OSHA	ACGIH	ACGIH
Acetone	PEL 1000 ppm 2400 mg/m ³	TLV (8 hour) 500 ppm	STEL 750 ppm
Para-Chlorobenzotrifluoride	Contains no substances with occupational exposure limit values.		

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 : Hydrocarbon like
pH : No information available
Melting/Freezing point : Not available
Boiling point : 131°F (55°C)
Flash point : -0.04°F (-17.8°C)
Evaporation rate (BuAe = 1) : 9.81 times faster than n-butyl acetate
Lower flammable limit (% by vol.) : 0.9
Upper flammable limit (% by vol.) : 12.8
Vapour pressure : Not available
Vapour density (air =1) : Heavier than air
Specific gravity : 0.90057
Weight per gallon : 7.5 lbs
Solubility in water : Not available
Partition coefficient (n-octanol/water) : Not determined
Auto-ignition temperature : 869°F (465°C)



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Page 4 of 6

SAFETY DATA SHEET

VOC content % : 100

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Vapors may form explosive mixture with air.
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: Carbon dioxide and carbon monoxide gases.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact Yes
Eye contact Yes
Inhalation Yes
Ingestion Yes

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acetone	5,800 mg/kg (rat)	15,700 mg/kg (rabbit)	32,000 mg/m ³ (rat) 4 h
Para-Chlorobenzotrifluoride	13 g/kg (rat)	>2,000 mg/kg (rabbit)	33 mg/l (Rat) 4 h

SECTION 12. ECOLOGICAL INFORMATION

Component Information

Chemical Name	Fish	Aquatic invertebrates	Algae
Acetone	LC50 (Poecilia reticulata) 5,600 ppm 96 h	EC50 (water flea) 10,000 µg/l 48 h	EC50 (ulva pertusa) 20.565 mg/l 96 hours
Para-Chlorobenzotrifluoride	LC50 (bluegill) 5.6 mg/l 96 h	EC50 (Daphnia) 3.7-5.6 mg/l	No data available

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
49CFR/DOT	UN1263	Paint related material	3	II	FLAMMABLE
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	II	FLAMMABLE



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Page 5 of 6

SAFETY DATA SHEET

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	II	FLAMMABLE
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	II	FLAMMABLE
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). None.

SARA 311/312 Hazard Categories

Immediate acute Health Hazard Yes

Fire Hazard Yes

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

Distillates (Petroleum), Hydrotreated Light appears on the following state RTK lists.

Pennsylvania Yes

New Jersey Yes

SECTION 16. OTHER INFORMATION

HMIS

Health hazard 2

Flammability 3

Reactivity 0

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

AICS: Australian Inventory of Chemical Substances

CA: California

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



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Page 6 of 6

SAFETY DATA SHEET

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, CCHInfoWeb 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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DISCLAIMER

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Last Page