



Thurmalox 884-085  
SDS Preparation Date (mm/dd/yyyy): 12/06/2021

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

**Product identifier used on the label** :Thurmalox 884-085  
**Product Code(s)** : 884-085  
**Recommended use of the chemical and restrictions on use**  
: Heat Resistant Temperature Indicating Coating  
Use pattern : Professional Use Only  
Recommended restrictions : None Known.  
**Chemical family** : Mixture.

**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**

Green liquid. Solvent odor.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

**Classification:**

Flammable Liquid – Category 2  
Acute toxicity (Inhalation) – Category 4  
Acute toxicity (Oral) – Category 4  
Skin Irritation – Category 2  
Specific Target Organ Toxicity - Single Exposure – Category 3 (Narcotic effects)  
Specific Target Organ Toxicity - Repeated Exposure – Category 2  
Aspiration Hazard – Category 1  
Toxic to reproduction (unborn child) – Category 2

**Label Elements:**

Hazard pictogram(s)  
GHS-02 Flame  
GHS-05 Corrosive  
GHS-07 Exclamation Mark  
GHS-08 Health Hazard



**Signal Word:**

DANGER!

**Hazard Statement(s):**

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H361 Suspected of damaging fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
H373 May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure ((it is conclusively proven that no other routes of exposure cause the hazard).

**Precautionary statement(s):**

P201 Obtain special instructions before use.



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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.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves, protective clothing, eye protection, and face protection.  
P281 Use personal protective gloves, protective clothing, eye protection, and face protection.

### Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or hospital emergency room.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
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.  
P308 + P313 IF exposed or concerned: Get medical advice/attention.  
P310 Immediately call a POISON CENTER, doctor, or hospital emergency room.  
P312 Call a POISON CENTER, doctor, or hospital emergency room if you feel unwell.  
P330 Rinse mouth.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P370 + P378 In case of fire: Use dry chemical, CO<sub>2</sub>, 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.

### Other hazards

No OSHA defined hazard classes.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Chemical name                 | CAS #      | Concentration (% by weight) |
|-------------------------------|------------|-----------------------------|
| Methyl Amyl Ketone            | 110-43-0   | 22.35                       |
| Xylene                        | 1330-20-7  | 13.92                       |
| Toluene                       | 108-88-3   | 5.67                        |
| n-Butanol                     | 71-36-3    | 5.34                        |
| Ethylbenzene                  | 100-41-4   | 4.40                        |
| Copper Phthalocyanine Complex | 68987-63-3 | 2.67                        |

## SECTION 4. FIRST-AID MEASURES

### Description of first aid measures

**Ingestion** : IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. Material is an aspiration hazard. Guard against aspiration into lungs by having the individual turn on their left side. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.



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**Inhalation** : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.

**Skin contact** : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Eye contact** : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.

### Most important symptoms and effects, both acute and delayed

: May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. May cause drowsiness and dizziness. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. Causes skin irritation. Symptoms may include redness, itching and swelling. Direct eye contact may cause slight or mild, transient irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Suspected of causing cancer.

### Indication of any immediate medical attention and special treatment needed

: Treat symptomatically. This product is a CNS depressant.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

*Suitable extinguishing media:* Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

*Unsuitable extinguishing media:* Do not use water jet, as this may spread burning material.

### Special hazards arising from the substance or mixture / Conditions of flammability

Highly flammable liquid and vapour. Keep away from heat and flame. This product will accumulate static charge by flow, splashing or agitation. Vapors may travel considerable distance to a source of ignition and flash back. Vapours are heavier than air and collect in confined and low-lying areas. Product may float, and be re-ignited at the water's surface. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.

### Flammability classification (OSHA 29 CFR 1910.106)

: Flammable Liquids - Category 2

**Hazardous combustion products** : Carbon oxides ; Other unidentified organic compounds.

### Special protective equipment and precautions for firefighters

*Protective equipment for fire-fighters*

: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

### Special fire-fighting procedures:

Move containers from fire area if safe to do so. Use water spray to cool unopened containers. Avoid spreading burning liquid with water spray used for cooling purposes. Do not allow run-off from firefighting to enter drains or water courses. Prevent fire extinguishing water from contaminating surface water or the ground water system.  
Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

: Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid breathing vapour or mist. Restrict access to area until completion of clean-up. Remove all sources of ignition. All persons dealing with the clean-up should wear the appropriate personal protective equipment. For personal protection see section 8.

### Environmental precautions

: Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground. For large spills, dike the area to prevent spreading.

### Methods and material for containment and cleaning up

: Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Use only non-sparking tools. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Do not use combustible absorbents, such as sawdust. Bond and ground transfer containers and equipment to avoid static accumulation. Contaminated absorbent material may pose the same hazards as the spilled product. Pick up and transfer to properly labeled containers. Contact the proper local authorities.

### Special spill response procedures:

In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.



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### SECTION 7. HANDLING AND STORAGE

- Precautions for safe handling** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat and flame. Use only outdoors or in a well-ventilated area. Keep container tightly closed. Bond and ground transfer containers and equipment. Use explosion-proof electrical and ventilating equipment. Use non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves and eye/face protection. Avoid breathing vapour or mist. Do not ingest. Avoid contact with skin, eyes and clothing. Avoid contact with incompatible materials. Encourage good housekeeping and personal hygiene.
- Conditions for safe storage** : Store in well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Store away from incompatibles and out of direct sunlight. Take measures to prevent the buildup of electrostatic charge. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.
- Incompatible materials** : Strong oxidizers, acids and bases.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Limits:

| Chemical Name                 | OSHA TWA | OSHA PEL            | OSHA STEL         |
|-------------------------------|----------|---------------------|-------------------|
| Methyl Amyl Ketone            | n/a      | 200 ppm 590 mg/m3   | n/a               |
| Xylene                        | 100 ppm  | 100 ppm 435 mg/m3   | n/a               |
| Toluene                       | 20 ppm   | 200 ppm             | 300 ppm (Ceiling) |
| n-Butanol                     | 20 ppm   | 100 ppm 300 mg/m3   | n/a               |
| Ethylbenzene                  | 20 ppm   | 100 ppm (435 mg/m3) | n/a               |
| Copper Phthalocyanine Complex | n/a      | n/a                 | n/a               |

#### Exposure controls

**Ventilation and engineering measures:** Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Use explosion-proof equipment. In case of insufficient ventilation wear suitable respiratory equipment.

**Respiratory protection:** If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection. If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

**Skin protection:** Wear protective gloves. Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye / face protection:** Chemical splash goggles are recommended.

**Other protective equipment** : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

**General hygiene considerations** : : Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use. Do not take contaminated clothing home. Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                        |       |                               |
|------------------------|-------|-------------------------------|
| Appearance             | Odour | : Green liquid. Solvent odor. |
| Odour threshold        |       | : N/A                         |
| pH                     |       | : N/A                         |
| Melting/Freezing point |       | : N/A                         |
| Boiling range          |       | : 176°F – 305.6°F             |
| Flash point            |       | : 80°F – 120°F                |



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|                                |  |
|--------------------------------|--|
| Explosive Range                | : 1% - 7.9%                                  |
| Evaporation rate (BuAe = 1)    | : .0.0142 times slower than n-Butyl Acetate. |
| Vapour pressure Vapour density | : Heavier than air                           |
| Volatile weight                | : 52.0 %                                     |
| Volatile volume                | : 69.0 %                                     |
| Specific Gravity               | : 1.13789                                    |
| Weight per gallon in pounds    | : 9.5 lb/gal                                 |
| VOC                            | : 4.92 lbs / gal                             |

### SECTION 10. STABILITY AND REACTIVITY

**Incompatibility:** Avoid contact with strong oxidizing agents, acids or bases.

**Conditions to avoid:** Keep away from heat, sparks and flame. Take precautionary measures against static discharge. Keep away from direct sunlight. Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials.

**Hazardous decomposition products:** Carbon monoxide and unidentified organics may be formed.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Potential Health Effects:

#### Signs and symptoms of short-term (acute) exposure

##### Sign and symptoms Inhalation

: May cause respiratory irritation. Symptoms may include sore throat, running nose and shortness of breath. Inhalation may cause headache, nausea and central nervous effects such as dizziness, coordination difficulties and unconsciousness.

##### Sign and symptoms ingestion

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Causes symptoms similar to those listed for inhalation.

##### Sign and symptoms skin

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Skin Irritation - Category 2 Causes skin irritation. Symptoms may include mild redness and swelling.

##### Sign and symptoms eyes

: Direct eye contact may cause slight or mild, transient irritation.

#### Potential Chronic Health Effects

: Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

#### Mutagenicity

: Not expected to be mutagenic in humans.

#### Carcinogenicity

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Carcinogenicity - Category 2 Suspected of causing cancer. Contains Ethylbenzene. Ethylbenzene is classified as carcinogenic by IARC (Group 2B) and ACGIH (Category A3).

#### Reproductive effects & Teratogenicity

: This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification: Reproductive Toxicity - Category 2 Suspected of damaging the unborn child.

#### Sensitization to material

: Not expected to be a skin or respiratory sensitizer.

#### Specific target organ effects

: Eyes, skin, respiratory system, digestive system, central nervous system.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Classification:

Specific Target Organ Toxicity, Single Exposure -Category 3 (respiratory) May cause respiratory irritation.

Specific Target Organ Toxicity, Single Exposure - Category 3 narcotic effects May cause drowsiness and dizziness.

Specific Target Organ Toxicity, Repeated Exposure - Category 2 May cause damage to organs through prolonged or repeated exposure. Contains Toluene.

Toluene may cause damage to the brain and nervous system through prolonged or repeated exposure, if inhaled.

#### Medical conditions aggravated by overexposure



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: Pre-existing skin, eye, respiratory and central nervous system disorders.

**Synergistic materials**

: None reported by the manufacturer.

**Toxicological data**

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data. See below for individual ingredient acute toxicity data.

| Chemical name                 | LC50(4hr)<br>Inhalation rat     | LD50             |                  |
|-------------------------------|---------------------------------|------------------|------------------|
|                               |                                 | (Oral, rat)      | (Rabbit, dermal) |
| Methyl Amyl Ketone            | n/a                             | n/a              | n/a              |
| Xylene                        | 6,350 ppm (27.6 mg/L) (vapours) | 3,253 mg/kg      | 12,180 mg/kg     |
| Toluene                       | 7,585 ppm (28.1 mg/L) (vapour)  | 5,580 mg/kg      | 12,125 mg/kg     |
| n-Butanol                     | 8,000 ppm (24.3 mg/l)           | 790 – 4360 mg/kg | 3,402 mg/kg      |
| Ethylbenzene                  | 4,000 ppm (17.4 mg/L) (vapour)  | 3,500 mg/kg      | 15,380 mg/kg     |
| Copper Phthalocyanine Complex | Not determined                  | >5,000 mg/kg     | Not determined   |

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

: Contains material that may be harmful in the environment. Should not be released into the environment. See the following tables for the substance's ecotoxicity data.

**Ecotoxicity data:**

| Ingredients                   | CAS No     | Toxicity to Fish         |                   |                |
|-------------------------------|------------|--------------------------|-------------------|----------------|
|                               |            | LC50 / 96h               | NOEC / 21 day     | M Factor       |
| Methyl Amyl Ketone            | 110-43-0   | n/a                      | n/a               | n/a            |
| Xylene                        | 1330-20-7  | 8.2 mg/L (Rainbow trout) | n/a               | None.          |
| Toluene                       | 108-88-3   | 5.4 mg/L (pink salmon)   | 1.4 - 4.0 mg/L    | None.          |
| n-Butanol                     | 71-36-3    | 1375 mg/l                | n/a               | n/a            |
| Ethylbenzene                  | 100-41-4   | 4.2 mg/L (Rainbow trout) | 1.13 mg/L/30 days | None.          |
| Copper Phthalocyanine Complex | 68987-63-3 | Not determined           | Not determined    | Not determined |

| Ingredients                   | CAS No     | Toxicity to Daphnia                 |                |                |
|-------------------------------|------------|-------------------------------------|----------------|----------------|
|                               |            | EC50 / 48h                          | NOEC / 21 day  | M Factor       |
| Methyl Amyl Ketone            | 110-43-0   | n/a                                 | n/a            | n/a            |
| Xylene                        | 1330-20-7  | 3.2 - 9.56 mg/L (Daphnia magna)     | N/Av           | None.          |
| Toluene                       | 108-88-3   | 3.78 mg/L Ceriodaphnia (water flea) | 0.53 - 1 mg/L  | None.          |
| n-Butanol                     | 71-36-3    | 1328 mg/l                           | n/a            | n/a            |
| Ethylbenzene                  | 100-41-4   | 1.81 mg/L (Daphnia magna)           | N/Av           | None.          |
| Copper Phthalocyanine Complex | 68987-63-3 | Not determined                      | Not determined | Not determined |

| Ingredients        | CAS No    | Toxicity to Algae               |                   |          |
|--------------------|-----------|---------------------------------|-------------------|----------|
|                    |           | EC50 / 96h or 72h               | NOEC / 96h or 72h | M Factor |
| Methyl Amyl Ketone | 110-43-0  | n/a                             | n/a               | n/a      |
| Xylene             | 1330-20-7 | 3.2-4.9 mg/L/72hr (Green algae) | N/Av              | None.    |





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|                               |            |                             |                            |                |
|-------------------------------|------------|-----------------------------|----------------------------|----------------|
| Toluene                       | 108-88-3   | N/Av                        | 10 mg/L/72hr (Green algae) | None.          |
| n-Butanol                     | 71-36-3    | n/a                         | n/a                        | n/a            |
| Ethylbenzene                  | 100-41-4   | 3.6 mg/L/96hr (Green algae) | 3.4 mg/L/96hr              | None.          |
| Copper Phthalocyanine Complex | 68987-63-3 | Not determined              | Not determined             | Not determined |

**Persistence and degradability**

: No data is available on the product itself.

**Bioaccumulation potential**

: No data is available on the product itself.

| Components                    | Partition coefficient n-octanol/water (log Kow) | Bioconcentration factor (BCF) |
|-------------------------------|---|-------------------------------|
| Methyl Amyl Ketone            | n/a   | n/a                           |
| Xylene                        | 3.12 - 3.2                                      | 0.6 - 15                      |
| Toluene                       | 2.73  | n/a                           |
| n-Butanol                     | n/a   | n/a                           |
| Ethylbenzene                  | 3.15  | 15 species: fish              |
| Copper Phthalocyanine Complex | Not determined                                  | Not determined                |

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Handling for Disposal**

: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

**Methods of Disposal RCRA**

: Dispose in accordance with all applicable regulations.  
 : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under **RCRA**, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14. TRANSPORTATION INFORMATION**

| Regulatory Information | UN Number  | UN proper shipping name | Transport hazard class(es) | Packing Group | Label |
|------------------------|--|-------------------------|----------------------------|---------------|-------|
| 49CFR/DOT              | UN1263   | Paint                   | 3                          | III           |       |
| 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                   | 3                          | III           |       |
| 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                   | 3                          | III           |       |
| 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                   | 3                          | III           |       |
| Additional information | Refer to ICAO/IATA Packing Instruction.  |                         |                            |               |       |

**Special precautions for user**



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: Keep away from heat, sparks and open flame. - No smoking.  
**Environmental hazards:** See ECOLOGICAL INFORMATION, Section 12.

**SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

| Ingredients                   | CAS #      | TSCA Inventory | CERCLA Reportable Quantity(RQ) (40 CFR 117.302): | SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355: | SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical |                          |
|-------------------------------|------------|----------------|--|--|---|--------------------------|
|                               |            |                |  |  | Toxic Chemical  | de minimus Concentration |
| Methyl Amyl Ketone            | 110-43-0   | Yes            | n/a  | None   | No  | NS                       |
| Xylene                        | 1330-20-7  | Yes            | 100 lb/ 45.4 kg                                  | None   | Yes   | 1%                       |
| Toluene                       | 108-88-3   | Yes            | 1000 lb/ 454 kg                                  | None   | Yes   | 1%                       |
| n-Butanol                     | 71-36-3    | Yes            | 5000 lb/ 2268 kg                                 | None   | Yes   | 100%                     |
| Ethylbenzene                  | 100-41-4   | Yes            | 1000 lb/ 454 kg                                  | None   | Yes   | 0.1%                     |
| Copper Phthalocyanine Complex | 68987-63-3 | Yes            | n/a  | None   | Yes   | NS                       |

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Acute Health Hazard; Chronic Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

| Ingredients                   | CAS #      | California Proposition 65 |                  | State "Right to Know" Lists |     |     |     |     |     |
|-------------------------------|------------|---------------------------|------------------|-----------------------------|-----|-----|-----|-----|-----|
|                               |            | Listed                    | Type of Toxicity | CA                          | MA  | MN  | NJ  | PA  | RI  |
| Methyl Amyl Ketone            | 110-43-0   | No                        | N/Ap             | No                          | No  | No  | No  | No  | No  |
| Xylene                        | 1330-20-7  | No                        | N/Ap             | Yes                         | Yes | Yes | Yes | Yes | Yes |
| Toluene                       | 108-88-3   | No                        | Developmental    | Yes                         | Yes | Yes | Yes | Yes | Yes |
| n-Butanol                     | 71-36-3    | No                        | N/A              | No                          | Yes | n/a | Yes | Yes | n/a |
| Ethylbenzene                  | 100-41-4   | Yes                       | Cancer           | Yes                         | Yes | Yes | Yes | Yes | Yes |
| Copper Phthalocyanine Complex | 68987-63-3 | No                        | N/A              | No                          | No  | No  | No  | No  | No  |

**Canadian Information:**

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).  
 WHMIS Classification: See Section 2.

**International Information:**

Components listed below are present on the following International Inventory list:

| Ingredients        | CAS #     | European EINECs | Australia AICS | Philippines PICCS | Japan ENCS     | Korea KECI/KECL | China IECSC | New Zealand IOC |
|--------------------|-----------|-----------------|----------------|-------------------|----------------|-----------------|-------------|-----------------|
| Methyl Amyl Ketone | 110-43-0  | 203-767-1       | Present        | Present           | (2)-542        | KE-18303        | Present     | HSR001084       |
| Xylene             | 1330-20-7 | 215-535-7       | Present        | Present           | (3)-60; (3)-3  | KE-35427        | Present     | HSR000983       |
| Toluene            | 108-88-3  | 203-625-9       | Present        | Present           | (3)-2          | KE-33936        | Present     | HSR001227       |
| n-Butanol          | 71-36-3   | 200-751-6       | Present        | Present           | 2-3049         | KE-03867        | Present     | HSR001096       |
| Ethylbenzene       | 100-41-4  | 202-849-4       | Present        | Present           | (3)-60; (3)-28 | KE-13532        | Present     | HSR001151       |





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

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|                               |            |           |         |         |           |          |         |                      |
|-------------------------------|------------|-----------|---------|---------|-----------|----------|---------|----------------------|
| Copper Phthalocyanine Complex | 68987-63-3 | 273-501-7 | Present | Present | 1-(1)-527 | KE-08949 | Present | Under Group Standard |
|-------------------------------|------------|-----------|---------|---------|-----------|----------|---------|----------------------|

### SECTION 16. OTHER INFORMATION

**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  
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, CCIInfoWeb 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.

**Preparation Date (mm/dd/yyyy):** 12/06/2021

**Other special considerations for handling:** Provide adequate information, instruction and training for operators.

Prepared by:

Dampney Company, Inc.  
85 Paris Street  
Everett, MA 02149  
Tel: 617-389-2805  
www.dampney.com



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

Thurmalox 884-085  
SDS Preparation Date (mm/dd/yyyy): 12/06/2021

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## SAFETY DATA SHEET

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