



Endcor 745A  
SDS Preparation Date (mm/dd/yyyy): 06/05/2017

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

Product Code(s) : **Endcor 745A**  
: 745A  
**Recommended use of the chemical and restrictions on use**  
: **Corrosion-Resistant 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.);  
Chemtrec 703-527-3887(Outside U.S.).

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical  
Red liquid. Solvent odor.

Classification:

Flammable liquids	Category 3
Acute toxicity (Inhalation)	Category 4
Acute toxicity (Dermal)	Category 4
Skin irritation	Category 2
Eye irritation	Category 2A
Specific target organ toxicity – single exposure	Category 3 (Respiratory system)
Specific target organ toxicity – repeated exposure	Category 2 (Liver, Kidney, Central nervous system)
Specific target organ toxicity – repeated exposure (Oral)	Category 2
Aspiration hazard	Category 1

**Label elements**

Hazard pictogram(s)



Signal Word

DANGER

Hazard statement(s)

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H312 + H332 Harmful in contact with skin or if inhaled.  
H315 + H318 Causes skin irritation and serious eye irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.



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H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure.

### 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.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe dust, fume, gas, mist, vapours, or spray.  
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:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or hospital emergency room.  
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.  
P314 Get medical advice/attention if you feel unwell.  
P331 Do NOT induce vomiting.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 Take off contaminated clothing.  
P370 + P378 In case of fire: Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam to extinguish.

### Storage:

P403 + P233 (S) Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 (S) Store in a well-ventilated place. Keep cool.  
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

Mixture

Chemical Name	CAS-No	Weight %*
Xylene	1330-20-7	9.24
Diacetone alcohol	123-42-2	6.42
Toluene	108-88-3	6.01
1-Methoxy-2-propanol	107-98-2	3.67
Ethylbenzene	100-41-4	1.91

The exact concentrations of the above listed chemicals are being withheld as a trade secret.



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### 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. Consult a physician if irritation persists.
Skin contact	Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
Ingestion	Most important symptoms/effects, acute and delayed. Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Alcohol resistant foam, Carbon dioxide (CO <sub>2</sub> ), Dry chemical. Cool containers / tanks with water spray.
<i>Unsuitable Extinguishing Media</i>	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during firefighting	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	Oxides of carbon and various hydrocarbons.
Specific extinguishing methods	Use a water spray to cool fully closed containers.
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
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 contact with eyes. Avoid breathing vapors or mists. Avoid skin contact. Use with adequate ventilation. Keep away from heat, flames, and all other sources of ignition. Keep away from all sources of electricity such as electric motors and batteries.
Conditions for safe storage, including any incompatibilities	
Technical measures/Storage conditions	Keep containers tightly closed in a cool, well-ventilated place.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control Parameters:

Chemical Name	ACGIH	OSHA	NIOSH
Xylene 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>
Diacetone Alcohol	TWA: 50 ppm	N/Av	N/Av



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123-42-2			
Toluene 108-88-3	TWA: 20 ppm TWA: 75 mg/m3	TWA: 200 ppm	TWA: 100 ppm TWA: 375 mg/m3
1-Methoxy-2-propanol	TWA: 50 ppm STEL: 100 ppm	N/Av	N/Av
Ethylbenzene 100-41-4	TWA: 20 ppm TWA: 87 mg/m3	TWA: 100 ppm TWA: 435 mg/m3	TWA: 100 ppm TWA: 435 mg/m3

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH: (National Institute for Occupational Safety and Health)

TWA: Time Weighted Average

### Exposure controls

Engineering Measures                      Ventilation systems. Use adequate ventilation to keep the exposure levels below the OELs.

Individual protection measures, such as personal protective equipment

Eye/Face Protection                      Safety glasses with side-shields.

Skin and body protection                Chemical resistant apron. Protective gloves.

Respiratory protection                 If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Red Liquid
Odour	: Solvent
pH	: No information available
Melting/Freezing point	: Not applicable
Boiling point	: 176°F (80°C)
Flash point	: 45.0°F (7.2°C)
Evaporation rate (BuAe = 1)	: 0.012 times slower than n-Butyl Acetate
Lower flammable limit (% by vol.)	: 1.0
Upper flammable limit (% by vol.)	: 10.9
Vapour pressure	: Heavier than air
Vapour density	: 1.38146
Specific gravity	: 1.38146
Weight per gallon	: 11.5 lbs
Volatile weight %	: 28.0
Volatile volume	: 44.0
Solubility in water	: No information available
VOC content	: 3.23 lbs per gallon

## 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, flame and other potential ignition sources.

Incompatible Materials                      Store away from strong acids or oxidizers.

Hazardous Decomposition Products       Carbon oxides. Fumes. Hydrocarbons.

## SECTION 11. TOXICOLOGICAL INFORMATION



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Information on likely routes of exposure

**Skin contact** Prolonged skin contact can cause redness and irritation. Severity depends on the amount and duration of exposure.

**Eye contact** Vapors are irritating to eyes. Liquid contact will cause stinging and tearing.

**Inhalation** Exposure to high vapour concentrations may cause nervous systems effects such as headache, nausea, and dizziness.

**Ingestion** Aspiration into the lungs during swallowing may result in damage or death.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
Xylene 1330-20-7	= 4300 mg/kg ( Rat )	= 1700 mg/kg (Rabbit)	= 5000 mg/m3 (Rat) 4 h
Diacetone alcohol	N/Av	N/Av	N/Av
Toluene 108-88-3	= 5580 mg/kg (Rat)	> 12196 mg/kg ( Rabbit )	= 12500 mg/m3 ( Rat ) 4 h
1-Methoxy-2-propanol	N/Av	N/Av	N/Av
Ethyl Benzene 100-41-4	= 3500 mg/kg ( Rat )	= 15433 mg/kg (Rabbit)	No data available

### SECTION 12. ECOLOGICAL INFORMATION

**Aquatic Toxicity data:** LC50 – Oncorhynchus mykiss (rainbow trout) – 7.63 mg/l – 96 hours  
 NOEC – Pimephales promelas (fathead minnow) – 5.44 mg/l – 7 days

**Persistence and degradability** : Not available.

**Bio-accumulative potential** : This product is readily biodegradable.

**Mobility** : Accidental spillage may lead to penetration in the soil.

### 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	3	II	
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	3	II	
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	3	II	
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	3	II	



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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.
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## 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). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 -Threshold Values %
Xylene	1330-20-7	8.79	1.0
Diacetone alcohol	123-42-2	6.42	N/Ap
Toluene	108-88-3	6.01	1.0
1-Methoxy-2-propanol	107-98-2	3.67	N/Ap
Ethyl Benzene	100-41-4	2.25	0.1

##### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes

##### Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA -Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylene 1330-20-7	100 lb			X
Diacetone alcohol 123-42-2	None			
Toluene 108-88-3	1000lb	X	X	X
1-Methoxy-2-propanol 107-98-2	None			
Ethyl Benzene 100-41-4	1000 lb	X	X	X

##### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Xylene 1330-20-7	100lb		RQ 100 lb final RQ
Diacetone alcohol 123-42-2	None		
Toluene 108-88-3	1000 lb		RQ 1000 lb final RQ
1-Methoxy-2-propanol 107-98-2	None		
Ethyl Benzene 100-41-4	1000lb		RQ 1000 lb final RQ

##### California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Toluene -108-88-3	Developmental
Ethyl Benzene - 100-41-4	Carcinogen

US State Right to Know Laws:



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

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Chemical Name	New Jersey	Massachusetts	Pennsylvania
Xylene 1330-20-7	X	X	X
Diacetone alcohol 123-42-2	X	X	X
Toluene 108-88-3	X	X	X
1-Methoxy-2-propanol 107-98-2	X		X
Ethyl Benzene 100-41-4	X	X	X

#### SECTION 16. OTHER INFORMATION

NFPA  
Health hazard 2  
Flammability 3  
Reactivity 0

Prepared by Dampney Company, Inc.  
85 Paris Street  
Everett, MA 02149  
  
Tel. 617-389-2805  
Fax. 617-389-0484  
Email mail@dampney.com

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#### Other special considerations for handling

: Provide adequate information, instruction and training for operators.

Dampney Company, Inc. 85 Paris Street Everett MA 02149 U.S.A Telephone: (617) 389-2805	
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#### DISCLAIMER

The information and recommendations contained herein are based on data believed to be correct. However, Dampney makes no warranty expressed or implied regarding the accuracy of these data or results to be obtained from the use thereof. Dampney assumes no responsibility for personal injury or property damage caused by use of the material described herein. It is the responsibility of the purchaser or the user to ensure that this material is properly and safely used.

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