

**SECTION 1: PRODUCT IDENTIFICATION**

**Product Name:** E-Fast  
**Synonyms:**  
**Product Number:** 50-EFAST  
**Company:** Durável  
**Address:** 227 Crompton St., Charlotte NC 28273  
**Business Phone:** (704) 837-7991  
**Emergency Phone:** Chemtrec US (800) 424-9300 CNN 1014580  
**Date of Current Revision:** November 16, 2023

**SECTION 2: HAZARD IDENTIFICATION**

Classification

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity – Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Hazardous to the Aquatic Environment – Long Term (Chronic) Hazard Category 2	

**EMERGENCY OVERVIEW:** This product is a colorless to yellowish liquid.

**WARNING**

**Hazard Statements**

Harmful if swallowed  
 Causes skin irritation  
 Causes serious eye irritation



**Appearance:** Colorless to yellowish

**Physical State:** Liquid

**Odor:** Slight

Precautionary Statements – Prevention

- P264: Wash thoroughly after handling
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.  
 P332+P313: If skin irritation occurs: Get medical advice/attention

**Other Hazards**

PBT: Not applicable  
 vPvB: Not applicable

**SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS**

**Substance**

Chemical Name	CAS No.	Weight - %	Trade Secret
2,4,6-tris( dimethylaminomethyl)phenol	90-72-2	> 85%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**Additional information:** Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**SECTION 4: FIRST-AID MEASURES**

**Description of First Aid Measures**

**General Advice** Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance.

**Eye Contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin Contact** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

**Inhalation** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

**Ingestion** IF SWALLOWED: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious,

having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

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

**Symptoms**

**Acute and delayed:**

Irritant to skin and mucous membranes

Irritant to eyes

Gastric or intestinal disorders

Cramp

Thirst

**Hazards:** Danger of disturbed cardiac rhythm

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

**Note to Physicians**

Monitor circulation, possible shock treatment. Do not administer preparations of the adrenalin-ephedrine group. Treat symptomatically. For additional information, see Safety Data Sheet.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use fire extinguishing methods suitable to surrounding conditions. Use large quantities of foam as it is partially destroyed by the product.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No data available

**Hazardous combustion products**

Carbon monoxide (CO)  
Nitrogen oxides (NOx)

**Explosion Data**

**Sensitivity to Mechanical Impact**

Not available

**Sensitivity to Static Discharge**

May be ignited by friction, heat, sparks or flames.

**Protective equipment and precautions for firefighters**

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. Use large quantities of foam as it is partially destroyed by the product.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures

**Personal Precautions**                      Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

Environmental Precautions

**Environmental precautions**            Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up

**Methods for containment**                Dike to prevent runoff from entering sewers, surface water of ground water.

**Methods for cleaning up**                Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

**SECTION 7: HANDLING AND STORAGE**

Precautions for safe handling

**Advice for safe handling**                As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

Conditions for safe storage, including any incompatibilities

**Storage Conditions**                      Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from heat. Keep from freezing. Store product above 50 degrees F/10 degrees C and below 95 degrees F/35 degrees C.

**Incompatible Materials**                Keep away from strong oxidizing agents, strong alkalis, and strong acids.

**SECTION 8: EXPOSURE CONTROLS – PERSONAL PROTECTION**

**Additional information about design of technical facilities:**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

**Control Parameters**

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Exposure Controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

**Respiratory Protection:**

Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Slight
<b>Appearance</b>	Clear to straw color	<b>Odor Threshold</b>	No data available
<b>Color</b>	Clear to straw color		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
<b>pH</b>	11.0 (10% aqueous soln)	
<b>Melting point/freezing point</b>	Not Available	
<b>Boiling point/Boiling range</b>	100° C (212° F)	
<b>Flash point</b>	140° C (284° F)	CC (closed cup)
<b>Evaporation rate</b>	Not Available	
<b>Flammability (solid, gas)</b>	Not Applicable	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	Not Available	
<b>Lower flammability limit:</b>	Not Available	
<b>Vapor pressure</b>	Not Available	
<b>Vapor density</b>	Not Available	
<b>Relative density</b>	0.98 @ 70° F	
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	Not Available	
<b>Partition coefficient</b>	Not Available	
<b>Autoignition temperature</b>	Not Available	

Decomposition temperature Not Available  
 Kinematic viscosity Not Available  
 Dynamic viscosity Not Available  
 Explosive properties Not Available  
 Oxidizing properties Not Available

**Other Information**

Softening point Not Relevant  
 Molecular weight Not Available  
 VOC Content (%) Not Available  
 Density Not Available  
 Bulk Density Not Available

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity**

Not Available

**Chemical stability**

Stable

**Possibility of Hazardous Reactions**

Reacts with strong acids and oxidizing agents. Reacts with many consumer products, releasing chlorine or chlorine oxide gas. Toxic fumes may be released if heated above the decomposition point.

**Conditions to avoid**

Contact with incompatible materials

**Incompatible materials**

Warning! Do not use together with other products. May release dangerous gases (chlorine).

**Hazardous Decomposition Products**

Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).  
 Nitrogen oxides (NO<sub>x</sub>).  
 Irritant gases/vapors  
 Corrosive gases/vapors

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on toxicological effects:** Toxicity data is available for this product.

**Acute Toxicity**

Acute Dermal	LD 50	> 1,280 mg/kg	Rabbit
Acute Oral	LD 50	> 1,200 mg/kg	Rat

**Primary irritant effect:** Contact with this product can be irritating to exposed skin and eyes.

**Sensitization:** None known

**Additional toxicological information:** The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

Irritant

**Reproductive toxicity information:** No information concerning the effects of this product and its components on the human reproduction system.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

**Aquatic toxicity:** Not Available

**Persistence and degradability:** No data available

**Bio accumulative potential:** No data available

**Mobility in soil:** No data available

### **Ecotoxicological effects:**

#### **Remark:**

**Additional ecological information:** No data available

**General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **Waste treatment methods**

#### **Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated packaging**

Dispose of in accordance with federal, state and local regulations

**SECTION 14: TRANSPORTATION INFORMATION**

DOT

<b>UN/ID no.</b>	2735
<b>Proper shipping name</b>	Amines, liquid, corrosive, N.O.S. (2,4,6-tris dimethylaminomethyl phenol),
<b>Hazard Class</b>	8
<b>Packing Group</b>	III
<b>Marine pollutant</b>	No data available

IATA

<b>UN/ID no.</b>	2735
<b>Proper shipping name</b>	Amines, liquid, corrosive, N.O.S. (2,4,6-tris dimethylaminomethyl phenol),
<b>Hazard Class</b>	8
<b>Packing Group</b>	III

IMDG

<b>UN/ID no.</b>	2735
<b>Proper shipping name</b>	Amines, liquid, corrosive, N.O.S. (2,4,6-tris dimethylaminomethyl phenol),
<b>Hazard Class</b>	8
<b>Packing Group</b>	III

**SECTION 15: REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture. United States (USA)**

**SARA:** This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.: None

**Section 355 (extremely hazardous substances):** None of the ingredients are listed.

**Section 313 (Toxic Release Inventory):** None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):** 90-72-2 2,4,6-tris (dimethylaminomethyl) phenol.

**Proposition 65 (California):**

**Chemicals known to cause cancer:** None of the ingredients is listed.

**Canada**

**Canadian Domestic Substances List (DSL):** All ingredients are listed

**Canadian Ingredient Disclosure list (limit 0.1%):** None of the ingredients are listed.

**Canadian Ingredient Disclosure list (limit 1%):** None of the ingredients are listed.



**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

**NFPA** Not regulated

**Issue Date** August 3, 2020  
**Revision Date** November 16, 2023  
**Revision Note** Address

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Durável assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Durável assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety precautions are followed.

**END OF SAFETY DATA SHEET**