

# MATERIAL SAFETY DATA SHEET

In case of Emergency: Canutec 613-996-6666

## PREPARATION INFORMATION

Prepared for use in Canada by:  
Quality Control & Product Safety Department  
ICAT Industries Inc. 648 Welham Rd. Barrie, ON L4N 9A1 (705) 739-0445

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

IN CASE OF EMERGENCY: 613-996-6666 (All provinces)

Product: **CEL-375 Part B - Modified Aliphatic Amine**

Product Code: 375b

Effective Date: December 16, 2017 Date Printed: July 31, 2018 MSDS: 375b

ICAT Industries Inc.  
648 Welham Rd, Barrie, On L4N 9A1

Prepared for use in Canada by the Quality Control and Product Safety Department  
phone: (705) 739-0445

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<45% NONYLPHENOL CAS# 25154-52-3 TOXIC , CORROSIVE

<10% 4,4'-METHYLENEBISCYCLOHEXANAMINE CAS#1761-71-3

50-60 %Formaldehyde, polymer with 1,3-benzenedimethanamine and phenol CAS #57214-10-5 70-90

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

- Contact causes burns to skin & eyes
- If inhaled, may be harmful
- Fire may produce irritating or poisonous gases
- Runoff from fire control or dilution water may cause pollution
- Some ingredients may burn, but none are readily ignitable

POTENTIAL HEALTH EFFECTS (see Section 11 for toxicological data)

EYE AND SKIN CONTACT: DANGER! Causes severe eye and skin irritation or burns. Do not get product in eyes, on skin or clothing. Wear recommended protective equipment. Wash thoroughly after handling.

INGESTION: CAUTION! May be harmful if swallowed. Wash thoroughly after handling.

INHALATION: CAUTION! May be harmful if inhaled. Do not inhale product. Keep container closed. Use only with adequate ventilation.

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3. **HAZARDS IDENTIFICATION (Continued)**

ROUTES OF EXPOSURE: Inhalation Y    Dermal Y    Oral N

CHRONIC EFFECTS: Unknown

4. **FIRST AID**

EYES & SKIN: In case of contact, immediately flush with water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

INGESTION: If swallowed, immediately drink a large quantity of milk or water and call a physician.

INHALATION: Give Oxygen and call a physician.

5. **FIRE FIGHTING MEASURES**

FLAMMABLE PROPERTIES:  
FLASH POINT: 149 C  
METHOD USED: Craig closed cup

FLAMMABILITY LIMITS:

LFL: Not Determined  
UFL: Not Determined

HAZARDOUS DECOMPOSITION PRODUCTS: None known

EXTINGUISHING MEDIA: Foam, CO2, dry chemical, water spray

OTHER FLAMMABILITY INFORMATION: May produce hazardous fumes or hazardous decomposition products

FIRE FIGHTING INSTRUCTIONS: Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of re-ignition has passed.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Wear positive pressure self-contained breathing apparatus and full protective equipment.

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6. **ACCIDENTAL RELEASE MEASURES:** (See Section 15 for Regulatory Information)

**PROTECT PEOPLE:** Keep unnecessary people away; isolate hazard area and deny unnecessary entry.

**PROTECT THE ENVIRONMENT:** For large spills, evacuate upwind of spills and contain with dike. Keep out of sewers, storm drains, surface water and soil. Keep spark producing equipment away.

**CLEANUP:** Soak in absorbent material such as sand, or polypropylene or polyethylene fibre products and collect in suitable containers. Residual resin may be removed by using dilute (5%) acetic acid. Solvents are not recommended for cleanup unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. Consult appropriate solvent MSDS for handling information and exposure guidelines. Keep spark producing equipment away.

7. **HANDLING AND STORAGE**

**HANDLING:** Do not handle or use product until safety precautions recommended in this MSDS have been read and fully understood. Practice good caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapors of heated material.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient for most conditions.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION:** Chemical goggles

**SKIN PROTECTION:** Use protective clothing impervious to this material. Selection of specific items such as face shield, gloves, boots, apron, or full-body suit will depend on operation. Remove contaminated clothing immediately, wash skin with soap and water, and launder clothing before reuse.

**RESPIRATORY PROTECTION:** Respirator with organic vapour cartridge. N/A with local exhaust.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Black Viscous Liquid

**ODOR:** Ammonia-like

**VAPOUR PRESSURE:** Not determined

**VAPOUR DENSITY:** Not determined

**BOILING POINT:** Not available

**SOLUBILITY IN WATER:** Moderate ( 1 - 10%)

**SPECIFIC GRAVITY:** 1.055

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### 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable at ambient temperatures.

CONDITIONS TO AVOID: Fire may produce hazardous fumes or hazardous decomposition products

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur by itself, but masses of more than 1 pound of product plus an organic epoxy resin will cause irreversible polymerization with considerable heat buildup.

### 11. TOXICOLOGICAL INFORMATION (see Section 3 for Potential Health Effects. For detailed toxicological data, write or call the address or non-emergency number shown in Section 1).

Dermal Toxicity (Rabbit) - Moderate  
 DOT Corrosivity: Positive  
 Eye Irritation (rabbit): - Serious  
 Inhalation Toxicity - Moderate  
 Oral Toxicity - Moderate  
 Skin Irritation - Severe  
 LC50 - not determined  
 LD50 - not determined

### 12. ECOLOGICAL INFORMATION

Not Determined

### 13. DISPOSAL CONSIDERATIONS (See Section 15 for regulatory information)

DISPOSAL: Any disposal practices must be in compliance with any federal, provincial/state and local laws and regulations. Regulations may vary in different locations. Chemical additions, processing, storage, or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate. Waste characterization and disposal compliance are the responsibility solely of the party generating the waste or deciding to discard or dispose of the material. None of these waste management options should be considered 'arranging for disposal'.

Do not allow into any sewers, on the ground or into any body of water.

The preferred waste management option for unused, uncontaminated, unreformulated, or not otherwise altered material is to send to a properly licenced or permitted recycler, reclaimer or incinerator. The same waste management options are recommended for used or contaminated material although additional evaluation is required.

This product, if disposed as shipped, is not a hazardous waste as specified in 40 CFR 261. For additional information, see MSDS Reactivity (Section 10) or Regulatory Information (Section 15).

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## 14. TRANSPORT INFORMATION

For DOT regulatory information, if required, consult transportation regulations, product shipping papers or contact your Fogh Chemical representative.

### CANADIAN TDG INFORMATION:

Corrosive: 1761-71-3 4,4'-METHYLENEBIS(CYCLOHEXANAMINE)  
 25154-52-3 NONYLPHENOL  
 UN/NA: UN3259  
 Emergency Response Guide Number: 60  
 Harmonize Number: 2921.30.00  
 Packaging Group: II  
 Class: 8

## 15. REGULATORY INFORMATION

### TSCA:

5(A) (2) SNUR: None  
 5(E) Consent Order: None  
 5(H) (#) R&O Exempt: No  
 8(8) Inventory Status: The components of this product are registered as required by TSCA.

## 16. OTHER INFORMATION

None

**The Information Herein Is Given In Good Faith, But No Warranty, Express Or Implied, Is Made.  
 Consult ICAT Industries Inc. For Further Information.**