

# SDS

## SAFETY DATA SHEET

Oakwood Products, Inc  
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Estill, SC 29918  
[www.oakwoodchemical.com](http://www.oakwoodchemical.com)

**Phone Numbers:**

|                          |              |
|--------------------------|--------------|
| Product Information      | 803-739-8800 |
| Transportation Emergency | 800-451-8346 |
| Outside the USA          | 760-602-8700 |

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**MATERIAL IDENTIFICATION**

NAME: 2-(2-Dimethylamino-ethylamino)-ethanol  
CAS#: [38361-86-3]  
CAT#: 057635  
For R&D use only.

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**HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids (Category 4)  
Skin corrosion/irritation (Category 1B)  
Serious eye damage/eye irritation (Category 1)

**GHS Label elements, including precautionary statements****Pictograms****Signal Word**

Danger

**Hazard Statement(s)**

|      |                                         |
|------|-----------------------------------------|
| H227 | Combustible liquid                      |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage               |

**Precautionary Statement(s)**

|                    |                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P280               | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P301 + P330 + P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                                                                               |
| P302 + P352        | IF ON SKIN: wash with plenty of soap and water.                                                                                  |
| P304 + P340        | IF INHALED: Remove victim to fresh air and Keep at rest in a position 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. |
| P310               | Immediately call a POISON CENTER or doctor/physician.                                                                            |

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**COMPOSITION/INFORMATION ON INGREDIENTS**

Synonyms : 2-Dimethylaminoethyl-2-hydroxyethylamine, N,N-Dimethyl-N'-( $\beta$ -hydroxyethyl)ethylenediamine

Formula : C<sub>6</sub>H<sub>16</sub>N<sub>2</sub>O

Molecular Weight : 132.21 g/mol

| CAS        | Description                            | Concentration |
|------------|----------------------------------------|---------------|
| 38361-86-3 | 2-(2-Dimethylamino-ethylamino)-ethanol |               |

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**FIRST AID MEASURES****In case of eye contact**

Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.

**In case of skin contact**

Wash thoroughly with soap and plenty of water. Seek medical attention.

**If inhaled**

Remove victim from source of exposure to fresh air. If breathing is difficult, administer oxygen. Seek medical attention.

**If swallowed**

Do not induce vomiting. Give water to victim to drink. Seek medical attention.

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**FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire and explosion hazards/decomposition of product**

emits toxic fumes under fire conditions.

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**ACCIDENTAL RELEASE MEASURES****Personal precautions**

Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area. Remove all sources of ignition. Evacuate personnel.

**Environmental precautions**

Prevent further leakage if safe to do so.

**Methods and materials for containment and clean up**

Absorb spills on sand or vermiculite and place in closed container for disposal.

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**HANDLING AND STORAGE**

**Precautions for safe handling**

Avoid prolonged use. Avoid all direct contact with material. Do not breathe dust or vapor. Wash thoroughly after handling.

**Precautions for safe storage**

Keep container tightly closed. Store in a cool, dry, well-ventilated area.

Air sensitive

Moisture sensitive.

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**EXPOSURE CONTROL/PERSONAL PROTECTION**

Contains no substances with occupational exposure limit values.

**Personal protective equipment****Eye/face protection**

Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Hand/skin protection**

Avoid all direct contact with product.

Wear chemical-resistant gloves.

Wear protective clothing and boots.

After contact with skin, wash immediately.

**Respiratory protection**

Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

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**PHYSICAL AND CHEMICAL PROPERTIES**

|                                              |                   |
|----------------------------------------------|-------------------|
| Appearance                                   | Liquid            |
| Odour                                        | no data available |
| Odour Threshold                              | no data available |
| Melting point/Freezing Point                 | no data available |
| Boiling Point                                | 110-115°C/10mm Hg |
| Flash Point                                  | no data available |
| Evaporation Rate                             | no data available |
| Flammability (solid, gas)                    | no data available |
| Upper/Lower Flammability or Explosive limits | no data available |
| Vapour pressure                              | no data available |
| Relative Density                             | no data available |
| Solubility(ies)                              | no data available |
| Partition coefficient: n-octanol/water       | no data available |
| Auto-ignition temperature                    | no data available |
| Decomposition temperature                    | no data available |
| Viscosity                                    | no data available |
| Refractive Index                             | no data available |

## STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

no data available

### Conditions to avoid

Air.

Moisture.

### Incompatible materials

Strong oxidizing agents, strong acids, acid chlorides, and acid anhydrides.

### Hazardous decomposition products

May evolve carbon monoxide, carbon dioxide, and nitrogen oxides.

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## TOXICOLOGICAL INFORMATION

### Acute toxicity

no data available

### Skin corrosion/irritation

Causes severe skin burns and eye damage

### Serious eye damage/eye irritation

Causes serious eye damage

### Respiratory or skin sensitization

no data available

### Germ cell mutagenicity

no data available

### Carcinogenicity

no data available

### Reproductive toxicity

no data available

### STOT-single exposure

no data available

### STOT-repeated exposure

no data available

### Aspiration hazard

no data available

### Exposure Routes

Causes burns.

May have harmful effects if inhaled or swallowed.

To the best of our knowledge, the health hazards of this material have not been fully investigated.

## ECOLOGICAL INFORMATION

### **Toxicity**

no data available

### **Persistence and degradability**

no data available

### **Bioaccumulative potential**

no data available

### **Mobility in soil**

no data available

### **PBT and vPvB assessment**

no data available

### **Other adverse effects**

no data available

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## DISPOSAL CONSIDERATIONS

Dissolve in or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and local laws.

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## TRANSPORT INFORMATION

### ***DOT***

Amines, liquid, corrosive, n.o.s.

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UN2735 III

### ***IMDG***

Amines, liquid, corrosive, n.o.s.

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UN2735 III

EMS-No: F-A, S-B

Marine Pollutant: No

### ***IATA***

Amines, liquid, corrosive, n.o.s.

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UN2735 III

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## REGULATORY INFORMATION

### **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### **SARA 313 Components**

SARA 313: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

### **New Jersey Right to Know Components**

This product may contain a chemical on the New Jersey Right to Know Components List.

2-(2-Dimethylamino-ethylamino)-ethanol

**CAS**

38361-86-3

**California Prop. 65 Components**

This product may contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

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**OTHER INFORMATION**

Version : 1.0

Revision Date : 12/9/2015

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Oakwood shall not be held liable for any damage resulting from handling or from contact with the above product.