

**EUCO WINTER MIX POWDER**

Version 4.0

Print Date 12/19/2013

REVISION DATE: 07/07/2012

**SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION****Product Information**

Trade name : EUCO WINTER MIX POWDER  
Product code : 21 95

Supplier : Euclid Canada  
2835 Grande-Allée  
St-Hubert, QC J4T 2R4  
Telephone : 1-800-667-0920  
Emergency Phone: : (613) 996-6666

Product use : Admixture

**Preparation Information**

Prepared by: : Sewnauth Raghunandan  
Date: : 07/07/2012  
Telephone : (416) 421-3300

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

White. Powder. May cause coughing and wheezing. Dust may irritate respiratory tract. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : May cause coughing and wheezing. Dust may irritate respiratory tract.  
Eyes : Dust may cause eye irritation. May cause mechanical irritation or abrasion.  
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.  
Skin : May cause mild irritation. May cause dryness, cracking, irritation, and chemical burns.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

No known effects anticipated.

**SECTION 3 : HAZARDOUS INGREDIENTS**

| Chemical Name    | CAS-No.    | Weight % Range |
|------------------|------------|----------------|
| Calcium chloride | 10043-52-4 | > 60.0         |

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

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|              |   |                                                                                                                                           |
|--------------|---|-------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | : | Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.                                  |
| Eye contact  | : | Flush with water for 15 minutes. If irritation persists, get medical attention.                                                           |
| Skin contact | : | Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately. |
| Ingestion    | : | Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.                        |

**SECTION 5: FIRE / EXPLOSION HAZARDS**

|                                       |   |                                                                                                                         |
|---------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------|
| Flash point                           | : | Not available.                                                                                                          |
| Method                                | : | Not available.                                                                                                          |
| Lower explosion limit                 | : | Not available.                                                                                                          |
| Upper explosion limit                 | : | Not available.                                                                                                          |
| Autoignition temperature              | : | Not available.                                                                                                          |
| Extinguishing media                   | : | This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings. |
| Hazardous combustion products         | : | Not available.                                                                                                          |
| Protective equipment for firefighters | : | Not applicable. Product is not expected to burn.                                                                        |
| Fire and explosion conditions         | : | This product not expected to ignite under normal conditions of use.                                                     |

**SECTION 6 - SPILLS / LEAKS / ACCIDENTAL RELEASE MEASURES**

Use appropriate protective equipment. Avoid contact with material. Dampen material with water to control dusting. Scoop up and transfer to appropriate container for disposal. Flush spill area with water.

**SECTION 7 - HANDLING AND STORAGE**

Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Precautions also apply to emptied containers. Personal protective equipment must be worn during maintenance or repair of contaminated mixer, reactor, or other equipment. Store in sealed containers in a cool, dry, ventilated warehouse location.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

|                        |   |                                                                                                                                                                                                                        |
|------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory protection | : | Wear appropriate, properly fitted NIOSH/MSHA approved dust respirator where airborne concentrations are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use. |
| Hand protection        | : | Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.                                                                                                                              |
| Eye protection         | : | Wear appropriate eye protection.                                                                                                                                                                                       |

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- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Use professional judgment in the selection, care, and use. Wear gloves, head coverings and full body clothing as necessary to prevent skin irritation. Washable or disposable clothing may be used. Do not take unwashed clothing home. Work clothes should be washed separately from other clothing and the washing machine rinsed thoroughly following use. Inform the launderer of the proper procedures. Store work clothes and street clothes separately to prevent contamination.
- Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

No known components with exposure limits.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State : Solid
- Form : Powder
- Color : White
- Odor : None
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Not available.
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : 347 °F, 175 °C
- Water solubility : Not available.
- Evaporation Rate: : Not available.
- Specific Gravity : 1.85
- % Volatile Weight : 0 %

**SECTION 10 - REACTIVITY / STABILITY**

- Substances to avoid : Not Applicable.
- Stability : Material is stable under normal storage, handling, and use.
- Hazardous polymerization : Will not occur under normal conditions.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Calcium chloride, CAS-No.: 10043-52-4  
Acute oral toxicity (LD-50 oral) 1,000 mg/kg ( Rat )



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### **SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

### **SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

Disposal Method : Recycle or dispose of in compliance with local, provincial and federal regulations.

### **SECTION 14 - TRANSPORTATION / SHIPPING DATA**

#### **TDG:**

Not Regulated

#### **CFR / DOT:**

Not Regulated

#### **IMDG:**

Not Regulated

### **SECTION 15 - REGULATORY INFORMATION**

#### **North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

#### **Canadian Regulations:**

WHMIS Classification : D2B

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

#### **Other Regulations:**

Regulatory VOC (less water and exempt solvent) : 0 g/l

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**SECTION 16 - OTHER INFORMATION****HMIS Rating :**

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 0 |
| Reactivity   | 0 |
| PPE          |   |

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Sewnauth Raghunandan**

**Legend**

ACGIH - American Conference of Governmental Hygienists

DOT - Department of Transportation

DSL - Domestic Substance List

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mine Safety Health Administration

NDSL - Non-Domestic Substance List

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

V - Volume

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System

