

MATERIAL SAFETY DATA

The Euclid Chemical Company • Cleveland, Ohio 44110

FOR TRANSPORTATION & SAFETY EMERGENCIES CALL: 1-800-255-3924
INTERNATIONAL USERS CALL COLLECT: 1-813-979-0626

TRADE NAME
Euco Winter Admixture

CHEMICAL NAME
Calcium Chloride

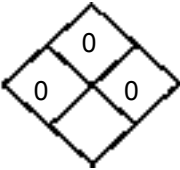
1. INGREDIENTS

MATERIAL	CAS #	%	ACGIH(TLV)	PEL
Calcium Chloride	10043-52-4	85-90	None	

2. PHYSICAL DATA

APPEARANCE Blue to Brown Liquid	ODOR None	MELTPOINT NA	SPECIFIC GRAVITY 1.270-1.345
VAPOR DENSITY (AIR=1) NA	%VOLATILE BY WEIGHT VOC NA	BULK DENSITY NA	BOILING POINT NA
VAPOR PRESSURE NA	%SOLUBILITY(H ₂ O) Complete	EVAPORATION RATE	PH 9.5 ± 1.0

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD None	NFPA FIRE HAZARDS IDENTIFICATION SYSTEM 
FLAMMABLE LIMITS LEL None UEL None	
EXTINGUISHING MEDIA None	
SPECIAL FIRE FIGHTING PROCEDURES None	
UNUSUAL FIRE AND EXPLOSION HAZARDS None	

4. PHYSIOLOGICAL EFFECTS

LD50 ORAL (INGESTION) NE	LD50 DERMAL (SKIN CONTACT) NE	LC50 (INHALATION) NE
PRIMARY ROUTE OF EXPOSURE Skin	THRESHOLD LIMIT VALUE (TLV) NE	

EFFECTS OF OVEREXPOSURE

Inhalation: May cause cough or difficulty in breathing.
Eye: May cause transient irritation.
Skin: Prolonged skin contact may cause irritation or burns.
Ingestion: May cause gastric irritation, nausea, vomiting and diarrhea.



THE EUCLID CHEMICAL COMPANY
19218 REDWOOD RD
CLEVELAND, OHIO 44110
1-800-321-7628 OR 216-531-9222

NE - NOT ESTABLISHED
NA - NOT APPLICABLE

5. EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air. Monitor for respiratory distress. Give oxygen if necessary. If cough or difficulty in breathing occurs, immediately seek medical attention.

Eye: Irrigate eye for 15 minutes. If pain, irritation or burning persists, seek medical attention.

Skin: Wash area twice with soap and water. If pain, irritation or burning persists, seek medical attention.

Ingestion: Administer milk or water. DO NOT induce vomiting. Call a Physician or Poison Control Center immediately. DO NOT give anything orally to an unconscious person.

6. U.S. D.O.T. SHIPPING DESCRIPTION

Concrete or Masonry Plasticizer/Water Reducing Agent, Liquid, NOI, Class 55

7. SPECIAL PROTECTION INFORMATION

VENTILATION

Use with adequate ventilation.

RESPIRATORY

None

EYE PROTECTION

Yes protective goggles

PROTECTIVE GLOVES

Yes (rubberized)

OTHER

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

8. CHEMICAL REACTIVITY

CONDITIONS CAUSING INSTABILITY

None

INCOMPATIBILITY (MATERIALS TO AVOID)

None

HAZARDOUS DECOMPOSITION PRODUCTS

None

SPECIAL SENSITIVITY

None

9. STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store carefully.

10. SPILL, LEAK, AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED

Small spills of up to 2 gallons soak up with absorbent and dispose of in landfill. Wash area. Consult local sewer authority for effect on sewage treatment facility.

WASTE DISPOSAL METHOD

Dispose of in accordance with all federal, state, and local laws and regulations.

PREPARED BY

Rich Mikol

DATE

01/01/97

PAGE 2 OF

Euco Winter Admixture

TELEPHONE NUMBER

216-531-9222

SUPERSEDES MSDS DATED

07/01/96

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.