

**EUCON A+ - BULK GALLONS**

Version 5.0

Print Date 11/05/2014

REVISION DATE: 11/04/2014

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : EUCON A+ - BULK GALLONS
 Product code : 026B 99
 COMPANY : Euclid Chemical Company
 19218 Redwood Road
 Cleveland, OH 44110
 Telephone : 1-800-321-7628
 Emergency Phone : U.S. only: 1-800-424-9300
 International Users Call Collect: 1-703-527-3887
 Product use : Admixture

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Brown. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
 Eyes : Direct contact may cause mild irritation.
 Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
 Skin : May cause mild irritation.

Aggravated Medical Conditions

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

Chronic Health Effects

No known effects anticipated.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	40.0 - 70.0
Calcium nitrate	10124-37-5	15.0 - 40.0
Calcium lignosulfonate	8061-52-7	10.0 - 30.0
Sodium thiocyanate	540-72-7	7.0 - 13.0

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	: Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	: Get medical attention. Do not induce vomiting.
Notes to physician	: Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

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.
Hazardous combustion products	: Carbon monoxide and carbon dioxide can form. Smoke, fumes.
Protective equipment for firefighters	: Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions	: This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. 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. Store in sealed containers in a dry, ventilated warehouse location above freezing.

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

Respiratory protection	: Not required under normal conditions of use.
Hand protection	: Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye protection	: Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes



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with contaminated body parts or materials. Have eye washing facilities readily available.

Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.

Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid

Color : Brown

Odor : Slight

pH : 6 - 8

Vapour pressure : Not available.

Vapor density : Heavier than air

Melting point/range : Not available.

Freezing point : Not available.

Boiling point/range : Not available.

Water solubility : Soluble

Specific Gravity : 1.3 +/- 0.01

% Volatile Weight : 56.8 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Strong acids. Strong bases.

Stability : Stable

Hazardous polymerization : Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Calcium nitrate, CAS-No.: 10124-37-5
Acute oral toxicity (LD-50 oral) 302 mg/kg (Rat)



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SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

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.

U.S. Federal Regulations:

SARA 313 Components : Calcium nitrate 10124-37-5

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :

Calcium nitrate 10124-37-5

Dimethylformocarbothialdine 533-74-4

OSHA Status: Considered Irritant
hazardous based on the following criteria:

OSHA Flammability : Not Regulated



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Regulatory VOC (less water and
exempt solvent) : 0 g/l
VOC Method 310 : 0.00 %

U.S. State Regulations:

Penn RTK Components	:	Water	7732-18-5
		Calcium nitrate	10124-37-5
		Calcium lignosulfonate	8061-52-7
		Sodium thiocyanate	540-72-7
NJ RTK Components	:	Water	7732-18-5
		Calcium nitrate	10124-37-5
		Calcium lignosulfonate	8061-52-7
		Sodium thiocyanate	540-72-7

Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

SECTION 16 - OTHER INFORMATION

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: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists	PEL - Permissible Exposure Limit
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act	RCRA - Resource Conservation and Recovery Act
DOT - Department of Transportation	RTK - Right To Know
DSL - Domestic Substance List	SARA - Superfund Amendments and Reauthorization Act
EPA - Environmental Protection Agency	STEL - Short Term Exposure Limit
HMIS - Hazardous Materials Information System	TLV - Threshold Limit Value
IARC - International Agency for Research on Cancer	TSCA - Toxic Substances Control Act
MSHA - Mine Safety Health Administration	TWA - Time Weighted Average
NDSL - Non-Domestic Substance List	V - Volume
NIOSH - National Institute for Occupational Safety and Health	VOC - Volatile Organic Compound
NTP - National Toxicology Program	WHMIS - Workplace Hazardous Materials Information System
OSHA - Occupational Safety and Health Administration	

