

1. PRODUCT IDENTIFICATION AND MANUFACTURER

1.1. Product Identifier

Trade Name: Chupol NCA Plus
CAS Number: Mixture/Proprietary

1.2. Relevant identified uses of the substance/mixture and uses advised against

Product Use: Concrete Admixture
Uses Advised Against: None known

1.3. Supplier Details

Address: Goulston Technologies, Inc. P.O. Box 5025, Monroe, NC 28111
Phone: (704)289-6464
e-mail: safety@goulston.com

1.4. Emergency Phone Number
1-352-323-3500 (InfoTrac)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance/mixture

Classification According to EU Regulation 453/2010/EC: Xi-Irritant
Hazards: Irritating to the eyes, skin, and respiratory tract

Classification According to GHS

Acute Toxicity-Oral-Category 5
Eye Irritation-Category 2
Skin Irritation-Category 2
Specific Target Organ Toxicity (Single Exposure)-Category 3 (Respiratory Tract Irritation)

Adverse human health and environmental effects:
No data available

2.2. Label Elements

Labeling According to GHS

Pictogram:



Signal Word:

Warning

Hazard Statements:

May be harmful if swallowed (H303)
Causes serious eye irritation (H319)
Causes skin irritation (H315)
May cause respiratory irritation (H335)

Precautionary Statements:

Avoid breathing fume/mist/vapors/spray (P261)
Wash face and hands thoroughly after handling (P264)

Use only outdoors or in a well-ventilated area (P271)
 Wear eye/face protection and protective gloves (P280)
 Call a POISON CENTER/doctor if you feel unwell (P312)
 IF INHALED: Remove person to fresh air and keep comfortable for breathing (P304+P340)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
 If eye irritating persists: Get medical advice/attention (P337+P313)
 IF ON SKIN: Wash with plenty of water (P302+P352)
 If skin irritation occurs: Get medical advice/attention (P332+P313)
 Take off contaminated clothing and wash it before reuse (P362+P364)
 Store in a well-ventilated place. Keep container tightly closed (P403+P233)
 Store locked up (P405)
 Dispose of contents/container to approved waste disposal plant. (P501)

2.3. Hazards
No data available

2.4. Remarks
None

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

COMPONENT	CAS#	PERCENT
Calcium nitrate 70%	13477-34-4	60-70
Sodium thiocyanate 50%	54-72-7	8-10

4. FIRST AID MEASURES

- 4.1. Description of First Aid Measures
- Inhalation: Remove victim to fresh air; administer oxygen and get medical attention if trouble breathing; If breathing has stopped, administer artificial respiration and seek medical attention.
 - Skin: Flush with generous amounts of water; get medical attention if rash or irritation develops
 - Eye: Flush with generous amounts of water, lifting upper and lower lids occasionally for 15 minutes; get medical attention if stinging or vision problems persist
 - Ingestion: Do not induce vomiting; get immediate medical attention
- 4.2. Most important symptoms and effects, both acute and delayed
Respiratory irritation or distress
- 4.3. Indication of any immediate medical attention and special treatment needed
None known

5. FIRE FIGHTING MEASURES

- 5.1. Extinguishing Media
- Suitable: Dry chemical, foam carbon dioxide; Water may be used to cool fire-exposed containers
 - Unsuitable: None known
- 5.2. Special Hazards
None known

Combustion Products: Thermal decomposition products may include, but not limited to, oxides of carbon, nitrogen, and harmful vapors

5.3. Advice for Fire Fighters

Full protective clothing including NIOSH approved self-contained, positive pressure or pressure demand breathing apparatus; do not flush down drains or sewers

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions

Avoid contact with material; contact appropriate spill clean-up personnel

6.2. Environmental Precautions

Do not allow material to reach natural waterways or drains/sewers

6.3. Clean-up Methods

Use absorbent material to collect small spills for disposal/dikes and vacuum pumps should be used to contain and remove large spills

6.4. Reference to other sections

Refer to Sections 8 and 13

6.5. Hazchem Code

Not applicable

7. HANDLING AND STORAGE

7.1. Safe Handling

Do not get in eyes, on skin or clothing; do not breathe vapors or mists; keep container closed; use only with adequate ventilation; use good personal hygiene practices; keep away from heat and flame

7.2. Safe Storage

Store in tightly closed containers in cool, dry, well-ventilated area away from heat or sources of ignition
Store at ambient temperature out of direct sunlight
Protect material from temperatures under 20°F (-7°C)
Empty containers may contain irritating or combustible residue or vapors

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits: None established

8.2. Exposure Controls

Special Engineering Measures: None Required

Hand Protection: Gloves- impermeable (also consider your own risk assessment; i.e. breakthrough times, rates of diffusion and degradation, tasks undertaken)

Eye Protection: Chemical safety goggles or glasses

Respiratory Protection: Respiratory protection is not normally required if good ventilation is maintained and exposure guidelines are not exceeded

Other Information: Eye bath and safety shower; avoid contact with skin and eyes; wash hands before and after breaks and immediately after handling the product; Do not allow material to enter drains/sewers or natural waterways

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Basic Properties

Physical State:	Liquid
Color:	Dark brown
Odor/Odor Threshold:	Pungent/No data available
pH, 5%, @25 °C:	4.0-6.0
Melting Point, °C:	Not measured
Solidification Point, °C:	Not measured
Boiling Point, °C:	100
Flash Point, °C:	>100
Relat. evapor. rate comp to butylacetate:	N/A
Flammability (solid, gas):	N/A
Explosive limits:	Not explosive
Vapor pressure:	Not measured
Relative vapor density at 20C:	Not measured
Specific Gravity at 25 °C :	1.370-1.420
Solubility in Water:	100%
Log Pow:	No data available
Self-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, @25 °C, cPs:	No data available
Explosive Properties:	Not explosive
Oxidizing Properties:	Not applicable

9.2. Other Properties

Percent Volatiles:	Nil
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10. CHEMICAL STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous polymerization will not occur

10.2. Chemical Stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None under normal conditions

10.4. Conditions to Avoid

None known

10.5. Incompatible Materials

Strong acids, bases; Oxidizing and reducing agents

10.6. Hazardous decomposition products

Decomposition Products: Thermal combustion products may include oxides of carbon, nitrogen, and harmful vapors

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	Product not tested. Classified by GHS as Acute Toxicity-Oral-Category 5, Specific Target Organ Toxicity (Single Exposure)-Category 3 (Respiratory Tract Irritation)
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Irritation:	Product not tested. Classified by GHS as Eye Irritation-Category 2, Skin Irritation-Category 2
Corrosivity:	Not classified
Sensitization:	Not classified
Repeated dose toxicity:	Not classified
Carcinogenicity:	Not classified
Mutagenicity:	Not classified
Reproductive toxicity:	Not classified

12. ECOLOGICAL INFORMATION

- 12.1. Toxicity
 Ecology-general: This product is not classified as hazardous to the environment
 Aquatic Toxicity: No data available
- 12.2. Persistence and Degradability
 Based on component chemistry, product is not expected to readily biodegrade
- 12.3. Bioaccumulative potential
 No information available
- 12.4. Mobility in soil
 Accidental spillage may lead to penetration in the soil and groundwater; No information available on soil mobility
- 12.5. Results of PBT and vPvB assessment
 This information is not available
- 12.6. Other adverse effects
 No information available

13. DISPOSAL CONSIDERATIONS

- 13.1. Waste Disposal Recommendations
 Do not allow material to drain into sewers/water supplies; Do not contaminate ponds, waterways or ditches
 Use appropriate guidelines to dispose of containers
- 13.2. Waste Code
 Should be assigned by the user
- 13.3. Additional information
 Empty containers should be taken for recycle, recovery or waste in accordance with local regulation

14. TRANSPORT INFORMATION

49 CFR-DOT Not Regulated

UN-number: Hazard Class: Packing Group:
 UN proper shipping name:

IATA Not Regulated

UN-number: Hazard Class: Packing Group:
 UN proper shipping name:

IMDG Not Regulated

UN-number: Hazard Class: Packing Group:

UN proper shipping name:

ADR Not Regulated

UN-number: Hazard Class: Packing Group:
UN proper shipping name:

RID Not Regulated

UN-number: Hazard Class: Packing Group:
UN proper shipping name:

ADN Not Regulated

UN-number: Hazard Class: Packing Group:
UN proper shipping name:

15. REGULATORY INFORMATION

15.1. German Water Classification: No information available

15.2. US Regulations

Inventory Status: All components are on the TSCA inventory or meet one of the exemptions

SARA 311/312: Acute

SARA 313: None

California Prop. 65: This product may contain the following material(s) known to the state of California to cause cancer, birth defects or other reproductive harm: None greater than 0.1%

State Right-to-Know: None greater than 0.1%

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.