

PRODUCT NAME(S): Geo Tech CC4SL

SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : GeoTech CC4SL
Company Name : Rhino Linings Corp
1002 W. Main
Richmond, MO 64085
Telephone : 816-776-3015
Emergency telephone : CHEMTREC USA 800-424-9300
Date Prepared : 4 April 2017

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| 1**SECTION 2 – HAZARDS IDENTIFICATION**

Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 5
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2B
Aquatic Toxicity (Acute), Category 3

Hazard Symbols :

GHS Signal Word : **Warning**
GHS Hazard Statements : H302 - Harmful if swallowed.
H313 – May be harmful in contact with skin.
H316 – Causes mild skin irritation.
H320 - Causes eye irritation.
H402 - Harmful to aquatic life.
GHS Precautionary Statements : P264 – Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 – Avoid release to the environment.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P330 – Rinse mouth.
GHS Response Phrases : No phrases apply.
GHS Storage and Disposal Phrases Potential Health Effects (Acute and Chronic) : No phrases apply.
Some German investigators reported fatty degeneration of the liver

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Eye Contact : upon repeated narcotic doses in rats.
: Causes eye irritation.
Skin Contact : May be harmful if absorbed through the skin. Causes skin
: Irritation. Causes moderate skin irritation. May cause dermatitis.
Ingestion : Harmful if swallowed.
Inhalation : May be harmful if inhaled. Causes respiratory tract irritation. May
: cause narcotic effects in high concentration. Eye irritation, vertigo,
and nausea were reported in humans exposed at 2200 ppm.

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| 2**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients (specific)	%	CAS Number
Amine Catalyst Blend	< 5.0	NA
Tris-(2-chloroisopropyl)-phosphate	5-20	13674-84-5

SECTION 4 – FIRST AID MEASURES**Emergency First aid procedures**

If inhaled : Remove victim to fresh air. If not breathing give artificial
respiration. Get medical aid.

In case of skin contact : Wash with soap and plenty of water. Flush with copious amounts
of water for at least 15 minutes. If irritation develops or
persists, consult a physician. Remove contaminated clothing and
shoes and wash items before reuse.

In case of eye contact : Rinse thoroughly with plenty of water for at least 15 minutes.
Get medical attention immediately.

If swallowed : Never give anything by mouth to an unconscious person. Rinse
mouth with water. Consult a physician.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and
Toxicological properties have not been thoroughly investigated.
Symptoms may include burning sensation, coughing, wheezing,
laryngitis, shortness of breath, headache, nausea and vomiting.

Notes to physician Show this Safety Data Sheet to the doctor in attendance. Move
out of dangerous area. Treat symptomatically and supportively.

SECTION 5 – FIRE FIGHTING MEASURES

PRODUCT NAME(S): Geo Tech CC4SL**Flammable properties**

Flash point : No Data

Autoignition temperature : No Data

Lower explosion limit : No Data

Upper explosion limit : No Data

Fire fighting

Suitable extinguishing media : Use water spray, dry chemical, carbon dioxide, or alcohol resistant foam.

Protective equipment and precautions for firefighters

Fire Fighting Instructions : Wear approved self contained breathing apparatus for fire fighting if necessary. Vapors may form explosive mixtures with air. Use water spray to keep fire-exposed containers cool. The liquid and vapor are combustible. Fire or excessive heat may result in rupture due to pressure build-up in the container. The vapors are heavier than air and may travel to source of ignition, spread along ground, and collect in low or confined areas.

Flammable Properties and Hazards: No data available.**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Personal precautions : Wear recommended personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Avoid breathing vapors, mist or gas.

Environmental precautions : Prevent entry into waterways or sewers. Soak up with inert absorbent material and dispose of in accordance with federal, state and local regulations. Keep in suitable, closed containers for disposal. Wear personal protective equipment indicated in sect. 8.

Spills/Leaks : Absorb spill with inert material (oil dry, vermiculite, dirt or sand), Then place in suitable container. Use spark proof tool. Dispose of In accordance with federal, state and local regulations.

SECTION 7 – HANDLING AND STORAGE

Precautions to be Taken in Handling : Avoid inhalation of vapor or mist. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Ground And bond containers when transferring material. Use spark proof

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tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain residue and can be dangerous. Avoid ingestion. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Use only with adequate ventilation. Normal measures for preventive fire protection.

Precautions to be Taken in Storing : Keep container tightly closed in a dry and well-ventilated place. Keep away from sources of ignition. Store in a tightly closed Container. Store protected from light and air.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

<u>CAS #</u>	<u>Partial Chemical Name</u>	<u>OSHA TWA</u>	<u>ACGIH TWA</u>	<u>Other Limits</u>
13674-84-5	Tris-(2-chloroisopropyl)-phosphate	No Data	No Data	No data
NA	Amine Catalyst Blend	No data.	No data.	No data.

Respiratory Equipment : Where risk assessment shows air-purifying respirators are appropriate, use a dust mask type N95(US) or type P1(EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection : Face shield and safety glasses.

Protective Gloves : Handle with gloves.

Other Protective Clothing : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Engineering Controls (Ventilation etc.): : Safety shower and eyewash station.

Work/Hygienic/Maintenance Practices: : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid

Color : Brown.

Odor : Slightly musty.

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Flash point	:	No Data.
Lower explosion limit	:	No Data.
Upper explosion limit	:	No Data.
Autoignition temperature	:	Not Applicable.
Melting point/range	:	No Data.
Boiling point/boiling range	:	No Data.
Vapor pressure(vs. air or mm Hg)	:	No Data.
Density	:	1.18 g/cm ³ at 77 °F (25 °C)
Water solubility	:	No Data.
Vapor Density (vs. Air=1)	:	No Data.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Conditions to Avoid	:	No Data available.
Materials to Avoid	:	Strong oxidizing agents, isocyanates.
Hazardous Decomposition Products:	:	During fire, oxides of carbon and oxides of nitrogen.
Hazardous reactions	:	No Data Available.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological Information	:	No Data Available.
Irritation or Corrosion	:	Acute Toxicity, LD50, Oral, Rat, 3600 mg/kg. Results: Behavioral: Somnolence (general depressed activity). Behavioral: Tremor Lungs, Thorax, or Respiration: Other changes. -National Technical Information Service, Vol/p/yr: OTS05, 7713

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Acute Toxicity, LD50, Intravenous, Mouse, 56.00 mg/kg.

Results:

Behavioral: Food intake (animal)

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

-U.S. Army Armament Research & Development Command,
Chemical Systems Laboratory, NIOSH Exchange Chemicals.,
Aberdeen Proving Ground, MD 21010, Vol/p/yr: NX#, 5768

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Skin corrosion/irritation, Skin sensitization, Skin Rabbit, 0.00, mild.

Results:

Sense organs and special senses (nose, eye, ear and taste):

Eye: Lacrimation.

Behavioral: Tremor

Lungs Thorax or Respiration: Cyanosis

Serious eye damage/eye irritation: Eyes-rabbit-Mild eye
Irritation.

Skin – rabbit – mild skin irritation – 24h

Carcinogenicity/Other Information:

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

<u>CAS #</u>	<u>Partial Chemical Name</u>	<u>NTP</u>	<u>IARC</u>	<u>ACGIH</u>	<u>OSHA</u>
13674-84-5	Tris-(2-chloroisopropyl)-phosphate	n.a.	n.a.	n.a.	n.a.
NA	Amine Catalyst Blend	n.a.	n.a.	n.a.	n.a.

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Persistence and Degradability : No Data Available.
Bioaccumulative Potential : No Data Available.
Mobility in Soil : No Data Available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method : Product. Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and a scrubber.

Contaminated packaging. Dispose of as unused product.

SECTION 14 – TRANSPORT INFORMATION

GHS Classification: Acute Toxicity: Oral, Category 4 – Warning! Harmful if swallowed
Acute Toxicity: Skin, Category 5 – Warning! May be harmful in contact with skin
Skin Corrosion/Irritation, Category 3 – Warning! Causes mild skin irritation
Serious Eye Damage/Eye Irritation, Category 2B – Warning! Causes eye irritation
Aquatic Toxicity (Acute), Category 3 – Harmful to aquatic life

Land Transport (US DOT): Not classified as a dangerous good under transport regulations.

Sea Transport (IMDG): Not classified as a dangerous good under transport regulations.

Air Transport (IATA/ICAO): Not classified as a dangerous good under transport regulations.

SECTION 15 – REGULATORY INFORMATION**EPA SARA (Superfund Ammendments and Reauthorization Act of 1986) Lists**

CAS#	Hazardous Components	<u>S. 302 (EHS)</u>	<u>S. 304 RQ</u>	<u>S. 313 (TRI)</u>
13674-84-5	Tris-(2-chloroisopropyl)-phosphate	No	No	No
NA	Amine Catalyst Blend	No	No	No

CAS#	Hazardous Components	Other US EPA or State Lists
13674-84-5	Tris-(2-chloroisopropyl)-phosphate	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Inventory, 8D TERM; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No



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NA	Amine Catalyst Blend	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
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CAS#	Hazardous Components	International Regulatory Lists
13674-84-5	Tris-(2-chloroisopropyl)-phosphate	Canadian DSL: Yes; Canadian NDSL: No
NA	Amine Catalyst Blend	Canadian DSL: Yes; Canadian NDSL: No

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Regulatory Information: This product contains no chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Ammendments and Reauthorization ACT (SARA) of 1986 40 CFR part 372.

SECTION 16 – OTHER INFORMATION

HMIS Classification : Health Hazard: 2
Flammability: 1
Physical hazards: 1

NFPA Classification : Health Hazard: 2
Fire Hazard: 1
Reactivity: 1

NFPA rating scale (0 = minimal hazard; 4 = severe hazard)

HMIS rating scale (0 = minimal hazard; 4 = severe hazard)

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