

**Safety Data Sheet
PARCHEK-510**

1. PRODUCT IDENTIFICATION AND COMPANY

Trade Name: PARCHEK-510
Synonyms: --
Formula: --
Manufacturer: Astro-Chem Lab, Inc.
4102 2nd Ave W
Williston, ND 58801
Phone: 701-572-7355

Article no(s):
CAS-no: Mixture
EC-no:

24 Hour Phone Number: 800-568-6614

2. HAZARD IDENTIFICATION



Emergency Overview:

DANGER
FLAMMABLE LIQUID AND VAPOR. May be harmful if inhaled. May cause respiratory tract, eye and skin irritation. May be harmful if swallowed.

Potential Health Effects:

Eyes:

Causes eye irritation.

Skin:

Causes skin irritation and inflammation. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Inhalation:

High vapor/mist concentration exposure can cause respiratory tract irritation, nausea, headaches, dizziness and other central nervous system effects.

Ingestion:

Harmful if swallowed. May cause digestive tract irritation with nausea. If swallowed, aspiration into lungs may result in chemical pneumonitis and severe pulmonary injury.

Chronic Exposure:

Repeated exposure to highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Ingredient	Percent	CAS Number	TLV-TWA
Methanol	10-25	67-56-1	200 PPM
Isobutyl Alcohol	5-10	78-83-1	25 PPM

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4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Inhalation:	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Eye Contact:	Flush with large amounts of water. If redness persists, get medical attention.
Skin (Dermal):	Remove contaminated clothes and shoes as quickly as possible and immediately flush skin with plenty of water. Wash contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Dry chemical or CO ₂ .
Special Fire Fighting Procedures:	Use of a self contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode.
Unusual Fire and Explosion Hazards:	None known.

6. ACCIDENTAL RELEASE MEASURES

Spill:	Eliminate all ignition sources, stop spill if you can do so without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Do not get water inside containers.
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7. HANDLING AND STORAGE

Handling:	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas, fumes, vapor or spray. In case of insufficient ventilation, wear suitable respiratory equipment. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.
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Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool and well-ventilated area. Materials should be stored away from extreme heat and away from strong oxidizing agents.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work station location.

Personal Protective Equipment

Eye/face Protection Use safety glasses with side shields. Keep chemical out of eyes. Use goggles, if condition warrants (windy, etc.)

Skin Protection: Avoid contact with the skin. Use layers of clothing to prevent skin contact. Wear protective gloves and suitable protective clothing (long sleeved shirts and long pants). Coveralls and face shields may be preferred if condition warrants (windy, etc.)

Respiratory Protection: Whenever workplace conditions warrant a respirator's use, be sure to use an approved/certified respirator or equivalent.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber colored liquid, aromatic odor.

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Density @ 60°F: N/A

Specific Gravity: N/A

Solubility in water: Insoluble

pH: N/A

Flash Point: 89°F., TCC

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous Polymerization: Will not occur under normal conditions.

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Oxides of sulfur and nitrogen.

Conditions to Avoid: None known.

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11. TOXICOLOGICAL INFORMATION

Methanol

Product	Species	Test Results
Acute		
<i>Dermal</i>		
LD50	Rabbit	15,800 mg/Kg
<i>Oral</i>		
LD50	Mouse	7,300 mg/Kg
LD50	Rabbit	14,200 mg/Kg
LD50	Rat	5,628 mg/Kg
<i>Inhalation</i>		
LC50	Rat	64,000 mg/Kg

Isobutyl Alcohol

Product	Species	Test Results
Acute		
<i>Dermal</i>		
LD50	Rabbit	3,400 mg/kg
<i>Oral</i>		
LD50	Rat	2,460 mg/kg

12. ECOLOGICAL INFORMATION

Environmental:	Aromatic hydrocarbon solvents are moderately toxic to freshwater fish, invertebrates and algae.
Mobility:	Constituents of aromatic hydrocarbon solvents are expected to partition between air, water, and soil.
Persistence and Degradability:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Responsibility for proper waste disposal rests with the generator of the waste. Dispose of any waste material in accordance with applicable regulations.
RCRA Status:	Under RCRA, it is the responsibility of the user to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste.

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14. TRANSPORT INFORMATION

Proper Shipping Name:	UN 1993, Flammable Liquid, N.O.S., (Contains Aromatic Hydrocarbons, & Isobutyl Alcohol), 3, PG II, ERG 128
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15. REGULATORY INFORMATION

SARA Section 313:	None listed.
HMIS Health:	2
HMIS Flammability:	3
HMIS Reactivity:	0
HMIS Personal Protection:	B

16. OTHER INFORMATION

Date Issued:	November 2013
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