

LYNN PEAVEY COMPANY



P.O. BOX 293 • NORTH WEBSTER, INDIANA 46555 U.S.A. • (574) 834-2406 • (800) 348-5174 • FAX (574) 834-7427

MATERIAL SAFETY DATA SHEET

Chematics, Inc.
P.O. Box 293
North Webster, IN 46555
Phone: 574-834-2406

SECTION 1 NAME AND HAZARD SUMMARY

Material Name: ALCO-SCREEN™ Saliva Alcohol Test

Hazard Summary: None

SECTION 2 INGREDIENTS OR HAZARDOUS COMPONENTS

% w/w	Name
94	Polyester No toxicity data currently available
4	Paper (100% Cotton Linters) No toxicity data currently available
1	Acrylic Adhesive No toxicity data currently available
<1	3,3',5,5'-Tetramethylbenzidine No toxicity data currently available
<1	Alcohol Oxidase EC# 1.1.3.13 No toxicity data currently available
<1	Peroxidase EC# 1.11.1.7 No toxicity data currently available
<1	Buffers and Non-Reactive Ingredients No toxicity data currently available

Ingredients not precisely identified are proprietary or non-hazardous. Values represented are not product specifications.

SECTION 3 PHYSICAL DATA

Physical Form:	Polyester strip with paper reactive pad affixed at one end
Boiling Point:	N/A
Vapor Pressure:	N/A
Solubility in Water:	Partially
pH:	7.2
Specific Gravity:	>1
Percent Volatile:	Negligible
Evaporation Rate:	N/A

SECTION 4 FIRE AND EXPLOSION HAZARDS

Auto-Ignition Temperature:	No data currently available
Extinguishing Media:	Water spray, foam carbon dioxide, dry chemical, Halon 1211
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus
Explosion Hazards:	No data currently available

SECTION 5 HEALTH HAZARD ASSESSMENT

Ingestion: In case of ingesting the plastic strip, seek medical attention. In case of ingesting the paper pad alone, reactive ingredients, which are present in this product, are in extremely small quantities and considered relatively harmless.

Eye Contact: Some ingredients present in this product may cause eye irritation.

Skin Contact: No cases of dermal irritation have been reported.

Inhalation: Seek medical attention if strip is inhaled. Under normal use conditions this product does not emit airborne particles.

First Aid: In case of eye contact, immediately flush with copious amounts of water for at least 15 minutes. If redness, itching or burning sensation develops, seek medical attention. In case of ingesting the strip, seek immediate medical attention. In case of ingesting the paper pad alone, drink one or two glasses of water. If gastrointestinal symptoms develop, seek medical attention. In case of inhalation, seek medical attention.

SECTION 6 REACTIVITY DATA

Hazardous Polymerization: N/A

Stability: This product is stable when stored in the original package below 80°F (27°C) until the printed expiration date.

Incompatibility: Oxidizing Agents
Reducing Agents
Acids and Alkali
Most organic solvents
Moisture and light sensitivity
This product will exhibit a color change when moistened and exposed to some alcohols.

SECTION 7 SPILL OR LEAK PROCEDURES

Disposal Methods: Dispose using ordinary sanitary methods. Observe all federal, state and local laws.

SECTION 8 SPECIAL PROTECTIVE EQUIPMENT FOR HANDLING

No special protection needed.

SECTION 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

Acetaldehyde is a byproduct of the reaction that takes place when this product is moistened and exposed to ethanol. The amount of alcohol oxidase present in a single test strip can produce under optimum conditions 32 mg of acetaldehyde in 24 hours. The LD₅₀ of acetaldehyde orally in rats is reported to be 1930 mg/kg (Smyth, A. J. Ind Hyg. Occup. Med., 4, 119 (1951)).

SECTION 10 OTHER INFORMATION

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Chematics, Inc. shall not be held liable for any damage resulting from the use of the above product.

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