

# MATERIAL SAFETY DATA SHEET

Alltech Associates, Inc.  
2051 Waukegan Road \* Deerfield, IL 60015  
Tel: 847-948-8600 \* Fax: 847-948-1078



In case of emergency, call CHEMTREC at 1-800-424-9300

STOCK NO: 82-005048-02.doc

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REVISION DATE: 5/11/90

## SECTION I: SUBSTANCE IDENTIFICATION

CHEMICAL NAME: Not applicable  
SYNONYMS: None  
TRADE NAME: ECD Test Mix  
FORMULA: Not applicable  
FORMULA WEIGHT: Not applicable  
CAS #: None  
RTECS NUMBER: None

## SECTION II: HAZARDOUS INGREDIENTS

Composition	Conc	Percent	CAS #
Lindane	33.0pg/ul	<0.01	58-89-9
Aldrin	33.0pg/ul	<0.01	309-00-2
Isooctane	solvent	99.99	540-84-1

California State Proposition 65: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

## SECTION III: PHYSICAL DATA

MELTING POINT: -161 F (-107 C) [isooctane]  
BOILING POINT: 211 F (99 C) [isooctane]  
VAPOR DENSITY (air=1): 3.9 [isooctane]  
SOLUBILITY IN WATER: Insoluble  
SPECIFIC GRAVITY (water=1): 0.69 [isooctane]  
PERCENT VOLATILE BY VOLUME: 99.9%  
EVAPORATION RATE (ether = 1): <1  
APPEARANCE AND ODOR: Clear, colorless liquid with odor of gasoline.

## SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT (Method Used): 10 F (-12 C)(closed cup)  
FLAMMABILITY LIMITS: UPPER 6.0% LOWER 1.1%  
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, halon, water spray, or standard foam.  
SPECIAL FIRE FIGHTING PROCEDURE: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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## SECTION V: HEALTH HAZARD DATA

CARCINOGEN STATUS: None.

LOCAL EFFECTS: Irritant-inhalation, skin, eyes.

ACUTE TOXICITY LEVEL: No data available.

TARGET EFFECTS: Central nervous system depressant.

AT INCREASED RISK FROM EXPOSURE: Not data available.

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INHALATION: Irritant/Narcotic

ACUTE EXPOSURE – May cause pulmonary irritation. High concentrations may cause dizziness, lack of coordination, nausea, narcosis and other central nervous system effects. In mice, exposed to 16,000 ppm for 5 minutes, there was sensory irritation and one of four mice died; at 32,000 ppm, effects included irritation and irregular respiration, and all four mice died within 4 minutes.

CHRONIC EXPOSURE: Repeated or prolonged exposure to paraffin hydrocarbons may cause polyneuropathy.

FIRST AID – Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial respiration. Keep person warm and at rest. Treat person symptomatically and supportively. Get medical attention immediately.

SKIN CONTACT: Irritant

ACUTE EXPOSURE – May cause irritation.

CHRONIC EXPOSURE – Repeated or prolonged exposure to irritants may cause dermatitis.

FIRST AID – Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (approximately 15-20 minutes). Get medical attention immediately.

EYE CONTACT: Irritant

ACUTE EXPOSURE – May cause irritation.

CHRONIC EXPOSURE – Repeated or prolonged exposure to irritants may cause conjunctivitis.

FIRST AID – Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains (approximately 15-20 minutes). Get medical attention immediately.

INGESTION: Narcotic

ACUTE EXPOSURE – May cause central nervous system effects with symptoms of nausea, dizziness, lack of coordination and narcosis. Aspiration into the lungs, with some alkanes, may cause chemical pneumonitis, pulmonary edema and hemorrhaging. Octane isomers appear to cause pulmonary lesions if aspirated into lungs of rats. In animal studies, aspiration of C6-C8 hydrocarbons resulted in almost immediate death due to respiratory paralysis, asphyxia and cardiac arrest.

CHRONIC EXPOSURE – No data available.

FIRST AID – Treat person symptomatically and supportively. Get medical attention and advice on whether to use gastric lavage. Extreme care must be taken to prevent aspiration. A cuffed endotracheal tube used by qualified medical personnel might be advisable. Keep head lower than hips to prevent aspiration should vomiting occur.

