

## HILLSBORO ELEMENTARY SCHOOLS

215 S.E. 6th Ave.  
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET

OT 0014

## SECTION I

PRODUCT CODE NUMBER 4015 \*TLV. \_\_\_\_\_  
MANUFACTURER'S NAME CPL Industries, Inc. EMERGENCY INFORMATION. Day: 201-878-7500  
Night: 201-547-2500  
MANUFACTURER'S ADDRESS 101 North Summit Street, Tenafly, NJ 07670  
PRODUCT: Sterno Liquid Fuel COMMON NAME \_\_\_\_\_  
GENERIC NAME \_\_\_\_\_ CHEMICAL NAME Not Applicable  
CHEMICAL FAMILY \_\_\_\_\_ DOT PROPER SHIPPING NAME \_\_\_\_\_

~~WARNING STATEMENTS~~ General Information: A formulated liquid fuel for heating fondues and chafing dishes. Essentially a mixture of specially denatured (3A) ethanol and isopropanol.

## SECTION II - INGREDIENTS

Material	%	TLV (Units)
Ethyl Alcohol	67	1900 mg/m <sup>3</sup>
Methyl Alcohol	3	260mg/m <sup>3</sup>

\* Threshold limit value set by (A) OSHA, (B) ACGIH, (C) See Section III, (D) Other, (NE) Not Established (Units are in PPM unless otherwise specified)

## SECTION III - PHYSICAL DATA

APPROXIMATE BOILING RANGE \_\_\_\_\_ VAPOR PRESSURE \_\_\_\_\_  
VAPOR DENSITY \_\_\_\_\_ SOLUBILITY IN WATER: complete  
SPECIFIC GRAVITY: (H<sub>2</sub>O=1) @80°F 0.82+0.01 PERCENT VOLATILE: 100%  
EVAPORATION RATE \_\_\_\_\_ APPROXIMATE BULK DENSITY: pH: NA

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT RANGE: TAG C.C. 55°F EXTINGUISHING MEDIA: Carbon dioxide, dry chemical  
water spray may also be used DOT FLAMMABILITY \_\_\_\_\_  
FIRE FIGHTING PROCEDURES used but water in straight stream should never be used. CLASSIFICATION: \_\_\_\_\_  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Emergency & First Aid Procedures: Symptomatic for intoxication, dehydration, acidosis or hypoglycemia, should they occur.

SKIN CONTACT: \_\_\_\_\_

INHALATION: \_\_\_\_\_

INGESTION: \_\_\_\_\_

## SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

Threshold Limit Value: Since product is essentially ethyl and isopropyl alcohol with minor amount of methyl alcohol, TLV is approximately 1400 mg/m<sup>3</sup>.

Toxicity Data; Estimated fatal human oral dose= 250-500ml.

Effects of Overexposure: Alcoholic breath, possible exhilaration followed by CNS depression, incoordination, flushing, vertigo, slurred speech etc.

## SECTION VII - REACTIVITY DATA

STABILITY (Conditions to Avoid): Stable. Alcohol is a flammable liquid. All precautions in storage spacing required by law should be observed where pallet-loads are involved.

INCOMPATIBILITY (Materials to Avoid):

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION (Conditions to Avoid): Will not Occur

## SECTION VIII - SPILL OR LEAK PROCEDURES

Leaking containers should be removed to outdoors or to isolated, well-ventilated area and contents transferred to closable containers. All spills should be flushed away promptly with water. Large quantities should not be allowed to enter drains where vapors could be ignited.

WASTE DISPOSAL METHOD: Small quantities (gallon or less) can be disposed of by pouring on dry sand or earth and cautiously igniting.

## SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None

VENTILATION:

PROTECTIVE GLOVES: None

EYE PROTECTION:

No special protection is required when product is used according to directions and labeled cautions.

OTHER PROTECTIVE EQUIPMENT:

## SECTION X - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: Store in cool dry place away from possible sources of spark, fire, flame. Observe pallet height and spacing requirements for flammable products.

OTHER PRECAUTIONS: Caution: Flammable mixture. Do not use near fire or flame. EYE IRRITATION HARMFUL IF SWALLOWED Keep away from children. If splashed in eye, flush thoroughly with water. If ingested give large quantity water or milk. Consult physician.

## SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER:

ISSUE DATE:

REPLACES MSDS NUMBER:

PREVIOUS PRODUCT CODE NUMBER:

PREVIOUSLY ISSUED: