

MATERIAL SAFETY DATA SHEET

FILE NO.:

NAME OF PRODUCT Ethanol in Fuel

MSDS DATE: / /

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Ethanol in Fuel
SYNONYMS:
PRODUCT CODES:

MANUFACTURER: ACUSTRIP Company, Inc
DIVISION:
ADDRESS: 124 E Main St Denville NJ 07834

EMERGENCY PHONE: 973-299-8237
CHEMTREC PHONE:
OTHER CALLS: 973-698-0173
FAX PHONE: 973-334-4953

CHEMICAL NAME: Proprietary
CHEMICAL FAMILY: Proprietary
CHEMICAL FORMULA: Proprietary

PRODUCT USE: INDICATOR FOR ETHANOL LEVEL WHEN PLACED INTO GASOLINE
PREPARED BY: ACUSTRIP COMPANY, INC

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:
Complexing Agent

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Trade Secret	100%	100%	None

	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:			
OSHA PEL STEL :			
OSHA PEL CEILING:			
ACGIH TLV-TWA:			
ACGIH TLV STEL:			
ACGIH TLV CEILING:			

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: NONE

ROUTES OF ENTRY: NA

POTENTIAL HEALTH EFFECTS None
EYES: None

SKIN: None

INGESTION None:

INHALATION: None

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

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CARCINOGENICITY None

OSHA:

ACGIH:

NTP:

IARC:

OTHER:

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: None

SKIN: None

INGESTION: None

INHALATION: None

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: None

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: None
(% BY VOLUME) LOWER: None

FLASH POINT: None

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE: None

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

PROTECTION:

EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: None

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SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: None, when used in gasoline refer to MSDS for gasoline

OTHER PRECAUTIONS: None, but when used with Gasoline refer to MSDS for gasoline

SECTION 7 NOTES: There is no special handling for the Ethanol in Fuel Test Kit

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Well Ventilated when used with gasoline

RESPIRATORY PROTECTION: Use in well ventilated area

EYE PROTECTION: Safety Glasses when handling gasoline

SKIN PROTECTION: Gloves when handling gasoline

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Avoid Contact when used with gasoline

WORK HYGIENIC PRACTICES: Avoid contact when used, if gasoline is exposed to skin rinse well

EXPOSURE GUIDELINES: Refer to gasoline MSDS (gasoline is not provided in this kit)

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green

ODOR: None

PHYSICAL STATE: liquid

pH AS SUPPLIED: 7.0

pH (Other):

BOILING POINT:

F: 232

C: 100

MELTING POINT:

F: 32

C: 0

FREEZING POINT:

F: 32

C: 0

VAPOR PRESSURE (mmHg):

@

F:

C:

VAPOR DENSITY (AIR = 1):

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1):

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@

F:

C:

EVAPORATION RATE:

BASIS (=1):

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: SOLUBLE

PERCENT SOLIDS BY WEIGHT: 0

PERCENT VOLATILE: None

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC): None

WITH WATER:	LBS/GAL
WITHOUT WATER:	LBS/GAL

MOLECULAR WEIGHT: 18.01528 g/mol

VISCOSITY: 0.894

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY): NONE

INCOMPATIBILITY (MATERIAL TO AVOID): NONE

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: NONE

CONDITIONS TO AVOID (POLYMERIZATION): NONE

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

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SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: If not used can dispose of it with normal drain water, If mixed with gasoline, refer to a MSDS for gasoline

RCRA HAZARD CLASS:

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Ethanol Fuel Test

HAZARD CLASS: None

ID NUMBER: 987600

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: Ethanol fuel Test

HAZARD CLASS: None

ID NUMBER: 987600

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME: Ethanol fuel Test

HAZARD CLASS: None

ID NUMBER: 987600

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): None

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

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SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: