

ETHYL CORP -- HITEC 580 PERFORMANCE ADDITIVE

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MSDS Safety Information
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FSC: 6850
NIIN: 00-292-9780
MSDS Date: 07/02/1996
MSDS Num: CCSSR
Product ID: HITEC 580 PERFORMANCE ADDITIVE
MFN: 01
Responsible Party
Cage: 95643
Name: ETHYL CORP
Address: 330 S 4TH ST
Box: 2189
City: RICHMOND VA 23219
9
Info Phone Number: 804-788-5000
Emergency Phone Number: 800-403-0044/325-7079
Preparer's Name: UNKNOWN
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 95643
Name: ETHYL CORP
Address: 330 S 4TH ST
Box: 2189
City: RICHMOND VA 23219-2189
Phone: 804-788-5000

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Item Description Information
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Item Manager: S9G
Item Name: INHIBITOR,CORROSION,PETROLEUM FUEL
Specification Number: MIL-I-25017E
Type/Grade/Class: NONE
Unit of Issue: DR
Quantitative Expression: 00000000055GL
UI Container Qty: 1
Type of Container: DRUM

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Ingredients
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Name: *** PROPRIETARY ***

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Heal

th Hazards Data

LD50 LC50 Mixture: TLV FOR OIL MIST IS 5 MG/M3.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.

ACUTE- NOT EXPECTED TO BE AN EYE IRRITANT. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING, DERMATITIS. INHALATION OF OIL MIST/VAPORS AT ELEVATED TEMPERATURES MAY CAUSE RESPIRATORY IRRITATION. HARMFUL IF INGESTED. MAY CAUSE VOMITING. ASPIRATION HAZARD. CHRONIC- UNK.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, NAUSEA, VOMITING, DRY SKIN, DERMATITIS

Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE SKIN, RESPIRATORY TRACT MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF

NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING

EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING.

IF CONSCIOUS, DRINK TWO GLASSES OF WATER. SEEK MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF VOMITUS INTO LUNGS.

Handling and Disposal

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF

IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT MATERIAL SUCH AS SAND. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION, REUSE OR RECYCLING IS RECOMMENDED.

Handling And Storage Precautions: STORE IN COOL, VENTILATED AREA AWAY FROM SOURCES OF IGNITION. DO NOT STORE ABOVE 120F.

Other

Precautions: AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information
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Flash Point Method: PMCC
Flash Point Text: 151F,66C
Lower Limits: UNKNOWN
Upper Limits: UNKNOWN
Extinguishi
ng Media: WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: UNKNOWN

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Control Measures
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Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.
Ventilation: ADEQUATE
Protective Gloves: NITRILES, PVC FOR REPEATED CONTACT
Eye Protection: CHEMICAL SPLASH GOGGLES RECOMMENDED
Other Protective Equipment: SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

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Physical/Chemical Properties
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HCC: V4
NRC/State LIC No: NOT RELEVANT
B.P. Text: UNKNOWN
M.P/F.P Text: NOT KNOWN
Decomp Text: UNKNOWN
Vapor Pres: 0.2 @ 125F
Vapor Density: >1
Spec Gravity: 0.91 - 0.925
Viscosity: UNKNOWN
Evaporation Rate & Reference: UNKNOWN
Solubility in Water: NEGLIGIBLE
Appearance and Odor: AMBER LIQUID, PETROLEUM-LIKE ODOR
Corrosion Rate: UNKNOWN

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Reactivit

y Data

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Stability Indicator: YES

Stability Condition To Avoid: EXCESSIVE HEAT, OPEN FLAMES

Materials To Avoid: UNKNOWN

Hazardous Decomposition Products: MAY FORM CARBON MONOXIDE, CARBON DIOXIDE,
SMOKE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 95643

Trans ID NO: 68280

Product ID: HITEC 580 PERFORMANCE ADDITIVE

MSDS Prepared Date: 07/02/1996

Review Date: 02/11/1997

MFN: 1

Radioactivity: NOT RELEVANT

Net Unit Weight: 417-426 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: DR

Container QTY: 1

Type Of Container: DRUM

Additional Data: DRUM S

HALL BE ADDITIONALLY MARKED AS FOLLOWS: "FOR USE IN JET
TURBINE ENGINE FUELS ONLY."

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: HITEC 580 PERFORMANCE ADDITIVE
Cage: 95643
Company Name: ETHYL CORP
Street: 330 S 4TH ST
PO Box: 2189
City: RICHMOND VA
Zipcode: 23219-2189
Health Emergency Phone: 800-403-0044/325-7079
Label Required IND: Y
Date Of Label Review: 02/11/1997
Status Code: C
MFG Label NO: UNKNOWN
Label Date: 02/11/1997
Year Procured: 1997
Origination Code: F
Signal Word: WARNING
Health Haz

ard: Slight

Contact Hazard: Slight

Fire Hazard: Moderate

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.

ACUTE- NOT EXPECTED TO BE AN EYE IRRITANT. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DEFATTING, DERMATITIS. INHALATION OF OIL MIST/VAPORS AT ELEVATED TEMPERATURES MAY CAUSE RESPIRATORY IRRITATION. HARMFUL IF INGESTED.

ASPIRATION HAZARD. CHRONIC- UNKNOWN. STORE AWAY FROM SOURCES OF IGNITION.

PICK UP SPILL WITH NON-FLAMMABLE ABSOR

BENT. PLACE IN CONTAINER FOR DISPOSAL.

FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR.

EYES:FLUSH WITH PLENTY OF WATER. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. DRINK TWO GLASSES OF WATER. CONSULT PHYSICIAN.

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