

===== MSDS =====
Safety Information
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FSC: 6850

MSDS Date: 01/07/1992

MSDS Num: BTTXN

Submitter: F BT

LIIN: 00F001768

Tech Review: 07/22/1994

Status CD: C

Product ID: SUPER HIL-TONE

MFN: 02

Article: N

Kit Part: N

Responsible Party

Cage: EO617

Name: HILLYARD INDUSTRIES

Address: 302 N 4TH

Box: 909

City: ST JOSEPH

State: MO

Zip: 64502

Country: US

Info Phone Number: 816-233-1321 EXT 303

Emergency Phone Number: 816-233-1321

Preparer's Name: N/P

Proprietary Ind: N

Review Ind: Y

Published: Y

Special Project CD: N

===== Preparer =====
Co. when other than Responsible Party Co.
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Cage: EO617

Assigned Ind: Y

Name: HILLYARD INDUSTRIES

Address: 302 N 4TH

Box: 909

City: ST JOSEPH

State: MO

Zip: 64502

===== Contractor =====
Summary
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Cage:28745

Name:HILLYARD INDUSTRIES

Address:302 NORTH FOURTH STREET

City:ST JOSEPH

State:MO

Zip:64501

Country:US

Phone:816-233-1321 (EXT 2303)

Cage:EO617

Name:HILLYARD INDUSTRIES

Address:302 N 4TH

Box:909

City:ST JOSEPH

State:MO

Zip:64502

Country:US

Phone:816-233-1321 EXT 303

===== Ingredients =====

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Cas: 68551-17-7

Code: M

RTECS #:

Code: X

Name: C10-C13-ISOALKANES, ODORLESS MINERAL SPIRITS *94-2*

% Text: 70-75

Environmental Wt:

Other REC Limits: 400 PPM

OSHA PEL: N/K Code: M OSHA STEL: Code:
ACGIH TLV: N/K Code: M ACGIH N/P STEL: Code:
EPA Rpt Qty: DOT Rpt Qty:

Ozone Depleting Chemical: N

Cas: 64741-88-4 Code: M RTECS #: PY8040500 Code: M

Name: MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED HEAVY PARAFFINIC, LUBRICATING OIL BASE STOCK

% Text: 15-20 Environmental Wt:
Other REC Limits: 10 MG/CUM

OSHA PEL: 5 MG/CUM Code: M OSHA STEL: Code:
ACGIH TLV: 5 MG/CUM Code: M ACGIH N/P STEL: Code:
EPA Rpt Qty: DOT Rpt Qty:

Ozone Depleting Chemical: N

Cas: 64741-86-2 Code: M RTECS #: Code: X

Name: SWEETENED MIDDLE PETROLEUM DISTILLATE C9-C20 BOILING RANGE OF 302-653F *94-2*

% Text: 10-15 Environmental Wt:
Other REC Limits: 5 MG/CUM

OSHA PEL: N/K Code: M OSHA STEL: Code:
ACGIH TLV: 5 MG/CUM (MIST) Code: M ACGIH N/P STEL: Code:
EPA Rpt Qty: DOT Rpt Qty:

Ozone Depleting Chemical: N

Cas: Code: X RTECS #: 9999999VO Code: M

Name: VOL ORGANIC CMPD: 658 G/L

% Text: N/K Environmental Wt:
Other REC Limits: N/K

OSHA PEL: N/K Code: M OSHA STEL: Code:
ACGIH TLV: N/K Code: M ACGIH N/P STEL: Code:
EPA Rpt Qty: DOT Rpt Qty:

Ozone Depleting Chemical:

===== Health
Hazards Data
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LD50 LC50 Mixture N/P

Route Of Entry Inds - Inhalation: YES Skin: YES Ingestion: YES
Carcinogenicity Inds - NTP: NO IARC: NO OSHA: NO

Health Hazards Acute And Chronic

EYES/SKIN: MILD IRRITATION. INGESTION: IRRITATING TO STOMACH & INTESTINES. MAY BE ASPIRATED INTO THE LUNGS RESULTING IN PULMONARY EDEMA & CHEMICAL PNEUMONITIS.

Explanation Of Carcinogenicity

NONE

Signs And Symptions Of Overexposure

IRRITATION, HEADACHE, DIZZINESS, NAUSEA & UNCONSCIOUSNESS.

Medical Cond Aggravated By Exposure

PRE-EXISTING EYE, SKIN & RESPIRATORY DISORDERS.

First Aid

INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING & TREAT SYMPTOMATICALLY. EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures

REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. CONTAIN & REMOVE W/INERT ABSORBENT & NONSPARKING TOOLS. DON'T PICK UP SOLUTION W/AUTOMATIC SCRUBBER/WET PICK-UP VACUUM.

Neutralizing Agent

N/K

Waste Disposal Methods

IGNITABLE LIQUID. INCINERATE IN APPROVED FACILITY. DON'T INCINERATE IN CLOSED CONTAINER/DISPOSE OF IN STORM DRAINS/WATERWAYS. DISPOSE OF IAW/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions

EMPTY CONTAINERS/PACKAGES RETAIN PRODUCT RESIDUE & EXPLOSIVE VAPORS. DON'T PRESSURE/CUT/WELD/BRAZE/SOLDER/DRILL/GRIND CONTAINER.

Other Precautions

DON'T STORE >110F. USE W/ADEQUATE VENTILATION. AVOID BREATHING VAPORS/MIST/SKIN CONTACT. DON'T SMOKE WHEN WORKING W/PRODUCT. KEEP CLOSED WHEN NOT IN USE.

Explosion Hazard Information

Fire and

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Flash Point Method: TCC

Flash Point:

Flash Point Text: 140F

Autoignition Temp:

Autoignition Temp Text: N/A

Lower Limits: N/K

Upper Limits: N/K

Extinguishing Media

FOAM, CO2/DRY CHEMICAL.

Fire Fighting Procedures

USE SCBA. WATER ISN'T SUITABLE FOR EXTINGUISHING MEDIA BUT HELPFUL IN KEEPING CONTAINER COOL.

Unusual Fire/Explosion Hazard

N/K

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Measures Control TOP

Respiratory Protection

WEAR APPROPRIATE PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ARE < APPLICABLE LIMITS.

Ventilation

LOCAL EXHAUST/MECHANICAL (GENERAL): RECOMMENDED.

Protective Gloves

IMPERVIOUS RUBBER.

Eye Protection

CHEMICAL SAFETY GOGGLES.

Other Protective Equipment

UNIFORMS, COVERALLS.

Work Hygienic Practices

REMOVE/LAUNDR CONTAMINATED CLOTHING/SHOES BEFORE REUSE.

Supplemental Safety and Health

N/K

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Physical/Chemical Properties TOP

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: 348F

Melt/Freeze Pt:

M.P/F.P Text: N/K

Decomp Temp:

Decomp Text: N/K

Vapor Pres: 1.2

Vapor Density: 5.2

Volatile Org Content %:

Spec Gravity: < 1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity: N/P

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: NEGLIGIBLE

Appearance and Odor: COLORLESS TRANSPARENT LIQUID W/PLEASANT ODOR.

Percent Volatiles by Volume: 84

Corrosion Rate: N/K

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Data Reactivity TOP

Stability Indicator: YES

Stability Condition To Avoid: FLAMES, HOT SURFACES, ELECTRIC, STATIC/FRICTION SPARKS.

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS/BASES &SELECTED AMINES.

Hazardous Decomposition Products: CO, CO2 &VARIOUS HYDROCARBONS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization N/K

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Toxicological Information
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Toxicological Information:N/P

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Ecological Information
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Ecological: N/P

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Transport Information
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MSDS

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Transport Information:N/P

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Regulatory Information
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Regulatory

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Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

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Other Information
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Other

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Other Information: N/P

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