

HARTLEY GOVE SONS MANUFACTURING CO -- MINERAL SPIRITS NONEXEMPT,HYGROMETER
6305 X -- 6685-00-641-3580

===== Product Identification =====

Product ID:MINERAL SPIRITS NONEXEMPT,HYGROMETER 6305 X

MSDS Date:05/31/1989

FSC:6685

NIIN:00-641-3580

MSDS Number: BYGYM

=== Responsible Party ===

Company Name:HARTLEY GOVE SONS MANUFACTURING CO

Box:909

City:BROOKHAVEN

State:MS

ZIP:39601

Country:US

Info Phone Nu

m:601-833-2911

Emergency Phone Num:601-833-2911

CAGE:LO727

=== Contractor Identification ===

Company Name:HARTLEY GOVE SONS MANUFACTURING CO

Box:909

City:BROOKHAVEN

State:MS

ZIP:39601

Country:US

Phone:601-833-2911

CAGE:LO727

Company Name:PALMER INSTRUMENTS INC.

Address:234 WEAVERVILLE HWY.

Box:City:ASHEVILLE

State:NC

ZIP:28804

Country:US

Phone:704-658-3131

CAGE:23471

===== Composition/Information on Ingredients =====

Ingred Name:STODDARD SOLVENT

CAS:8052-41-3

RTECS #:WJ892500

0
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9495

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS,
RESPIRATORY & GI TRACTS. ACUTE- SEVERE EYE IRRITATION.
REPEATED/PROLONGED SKIN CONTACT CAN CAUSE IRRITATION & DERMATITIS.
HIGH VAPOR CONCENTRATIONS MAY PRODUCE RESPIRATORY IRRITATION, CNS
EFFECTS, UNCONSCIOUSNESS. INGESTION MAY CAUSE VOMITING. ASPIRATION
HAZARD. CHRONIC- CNS EFFECTS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SEVERE IRRITATION, GIDDINESS, HEADACHE,
DIZZINESS, NAUSEA. IN EXTREME CASES, UNCONSCIOUSNESS & DEATH.
ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED
BREATHING & CYANOSIS. IN SEVERE CASES DEATH MAY OCCUR. SKIN
DRYNESS, DERMATITIS, TEARING, BLURRED VISION
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY
BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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===== First Aid Measures =====

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, RINSE MOUTH WITH WATER. SEEK
IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP
HEAD BELOW HIPS.

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===== Fire Fighting Measures =====

Flash Point:105F,41C
Lower Limits:1.0
Extinguishing Media:USE FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE
DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.
Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA
WITHOUT

HOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE
ABS

ORBENT SUCH AS SAND OR VERMICULITE. PREVENT LIQUID FROM ENTERING
SEWERS OR WATERWAYS.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY
FROM HEAT, FLAMES, SPARKS, HOT SURFACES & INCOMPATIBLE MATERIALS.
KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:DO NOT, CUT, DRILL, GRING, WELD OR DO SIMILAR
OPERATIONS TO "EMPTY" CONTAINERS. THEY CONTAIN FLAMMABLE RESIDUE.

USE PROPER BONDING AND GROUNDING PROCEDURES DURING TRANSFER
OPERATIONS. KEEP OUT OF REAC H OF CHILDREN. DO NOT BREAhte
VAPOR/MIST

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A
NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT TO CONTROL VAPOR
CONCENTRATIONS.

Protective Gloves:NITRI

LE FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

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 INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

THERMOMETER FILLING TYPE MERCURY AND SPIRIT.

===== Physical

/Chemical Properties =====

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:315F - 398F

Vapor Pres:2 @ 68F

Vapor Density:4.9

Spec Gravity:0.762 - 0.788

Evaporation Rate & Reference:0.12 (N-BUTYL ACETATE=1)

Appearance and Odor:LIQUID - HYDROCARBON ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, FLAMES, SPARKS,
HOT SURFACES

Hazardous Decomposition Products:TOXIC MATERIALS, CARBON MONOXIDE,
CARBON DIOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED
DURING COMBUSTION.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN AN APPROVED INCINERATOR OR
CONTRACT WITH LICENSED CHEMICAL WASTE DISPOSAL SERVICE. DISCHARGE,
TREATMENT OR DISPOSAL IS SUBJECT TO FEDERAL, STATE OR LOCAL LAWS.

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