

LPS LABORATORIES -- 40205 LPS HEAVY DUTY ENGINE DEGREASER - COMPOUND BOILER,
PRESERVING LIQUID
MATERIAL SAFETY DATA SHEET
LPS LABORATORIESNSN: 793000F017073
Manufacturer's CAGE: 66724
Part No. Indicator: A
Part Number/Trade Name: 40205 LPS HEAVY DUTY ENGINE DEGREASER

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General Information
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Item Name: COMPOUND BOILER, PRESERVING LIQUID
Company's Name: LPS LABORATORIES INC
Company's Street: 4647 HUGH HOWELL ROAD
Company's City: TUCKER
Company's State: GA
Company's Zip Code: 30084-5096
Company's Emerg Ph #: (404) 934-7800
Company's Info Ph #: (404) 934-7800
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Date MSDS Prepared: 01MAR89
Safety Data Review Date: 25JUL91
MSDS Preparer's Name: JOE TARPLEY
Preparer's Company: LPS LABORATORIES INC
Preparer's St Or P. O. Box: 4647 HUGH HOWELL ROAD
Preparer's City: TUCKER
Preparer's State: GA
Preparer's Zip Code: 30084-5096
MSDS Serial Number: BKTZM

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100), PARAFFIN-NAPHTHANES
MINERAL SPIRITS
Ingredient Sequence Number: 01
Percent: 80-90%
NIOSH (RTECS) Number: 1003692SN
CAS Number: 64742-88-7
OSHA PEL: 500 PPM
ACGIH TLV: 100 PPM
Other Recommended Limit: 100 PPM

Proprietary: NO
Ingredient: SOLVENT NAPHTHA, PETROLEUM, LIGHT AROMATIC C8-C10 (AROMATIC
100)
Ingredient Sequence Number: 02
Percent: 10-15%
NIOSH (RTECS) Number: 1005111NA
CAS Number: 64742-95-6
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM

Proprietary: NO
Ingredient: NONYLPHENOL, POLYOXYETHYLENE ETHER, TERGITOL NPX
Ingredient Sequence Number: 03
Percent: 3-4%

NIOSH (RTECS) Number: MD0900000
CAS Number: 9016-45-9

Proprietary: NO
Ingredient: 2-BUTOXYETHANOL
Ingredient Sequence Number: 04
Percent: 3-4%
NIOSH (RTECS) Number: KJ8575000
CAS Number: 111-76-2
OSHA PEL: S, 50 PPM
ACGIH TLV: S, 25 PPM; 9293
Other Recommended Limit: 25 PPM (SKIN)

Proprietary: NO
Ingredient: CARBON DIOXIDE
Ingredient Sequence Number: 05
Percent: 2-3%
NIOSH (RTECS) Number: FF6400000
CAS Number: 124-38-9
OSHA PEL: 5000 PPM
ACGIH TLV: 5000PPM/30000STEL;93
Other Recommended Limit: 10000 PPM

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR LIQUID W/PETROLEUM SOLVENT ODOR.
Boiling Point: 315F
Vapor Pressure (MM Hg/70 F): 2
Vapor Density (Air=1): 1
Specific Gravity: 0.8
Evaporation Rate And Ref: (N-BU AC = 1): 0.12
Solubility In Water: 1%
Percent Volatiles By Volume: 95%

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Fire and Explosion Hazard Data

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Flash Point: 115F
Lower Explosive Limit: 0.7%
Upper Explosive Limit: 6%
Extinguishing Media: FOAM, DRY CHEMICAL, OR CO2.
Special Fire Fighting Proc: DON'T USE WATER. TREAT AS COMBUSTIBLE
PETROLEUM DISTILLATES.
Unusual Fire And Expl Hazrds: EXCESSIVE HEAT CAUSED BY FIRE WILL CAUSE
AEROSOLS TO BURST.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): SPARKS, OPEN FLAMES, TEMPERATURES >120F OR
<32F, EXCESSIVE HEAT, OR OTHER IGNTIION SOURCES.
Materials To Avoid: STRONG OXIDIZING AGENTS SUCH AS LIQUID CHLORINE,
CONCENTRATED OXYGEN OR SODIUM HYPOCHLORITE.
Hazardous Decomp Products: CO
Hazardous Poly Occur: NO

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Health Hazard Data

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Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
HEADACHE, DIZZINESS, NAUSEA, & ANESTHETIC EFFECTS. INGESTION: HARMFUL.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
HEADACHE, DIZZINESS, NAUSEA, & ANESTHETIC EFFECTS. INGESTION: HARMFUL.
Emergency/First Aid Proc: EYES: FLUSH W/PLENTRY OF WATER. SKIN: WASH W/
SOAP & WATER & THEN APPLY MEDICATED CREAM. INHALATION: REMOVE TO FRESH AIR.
INGESTION: DON'T INDUCE VOMITING. AVOID ASPIRATION OF MATERIAL INTO THE
LUNGS MAY CAUSE PULMONARY INJURY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: VENTILATE AREA BY OPENING DOORS & WINDOWS.
REMOVE IGNITION SOURCES. REMOVE LEAKING CONTAINER & TRANSFER REMAINING
PRODUCT TO ANOTHER VESSEL. USING APPROPRIATE SAFETY EQUIPMENT, MOP UP OR
SOAK UP W/ABSORBENT MATERIAL, SUCH AS SAND OR CLAY.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL
REGULATIONS FOR PETROLEUM DISTILLATES. PREVENT PRODUCT FROM ENTERING SEWERS
& WATER COURSES BY DIKING OR IMPOUNDING. RCRA HAZARDOUS WASTE NO: D001.
CONSUMER COMMODITY ORM-D.
Precautions-Handling/Storing: STORE AEROSOLS BETWEEN 32-120F & BULK 32-
150F. STORE AWAY FROM IGNITION SOURCES & AVOID BREATHING VAPORS.

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Control Measures
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Respiratory Protection: NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.
FOR ENCLOSED AREAS, USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR
OR SELF-CONTAINED BREATHING APPARATUS.
Ventilation: LOCAL EXHAUST: ADEQUATE. USE MECHANICAL VENTILATION WHEN
SPRAYING IN ENCLOSED AREAS.
Protective Gloves: SOLVENT RESISTANT
Eye Protection: FACE SHIELD, GOGGLES
Work Hygienic Practices: REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE
REUSE. WASH HANDS W/SOAP & WATER AFTER USE/BEFORE BREAKS/LUNCH/END OF DAY.

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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES
Label Status: G
Common Name: 40205 LPS HEAVY DUTY ENGINE DEGREASER
HEADACHE, DIZZINESS, NAUSEA, & ANESTHETIC EFFECTS. INGESTION: HARMFUL.
EYES: IRRITATION. SKIN: DRYING. INHALATION: HEADACHE, DIZZINESS, NAUSEA, &
ANESTHETIC EFFECTS. INGESTION: HARMFUL.
Label Name: LPS LABORATORIES INC
Label Street: 4647 HUGH HOWELL ROAD
Label City: TUCKER
Label State: GA

Label Zip Code: 30084-5096

Label Emergency Number: (404) 934-7800