

# AMSOIL Material Safety Data Sheet

Date Issued/Revised: February 22, 2006  
Supersedes: March 24, 2003

## Section 1: Product and Company Identification

Manufacturer: AMSOIL, Inc. Telephone:  
925 Tower Avenue CHEMTREC (Spill Emergency Only): 1-800-424-9300  
Superior, WI 54880 Information: 715-392-7101

AMSOIL Product Code ..... LPD  
Product Label Name ..... PURE POWER CONCENTRATED LAUNDRY DETERGENT  
Product Use ..... CLEANING MIXTURE

## Section 2: Composition/Information on Ingredients

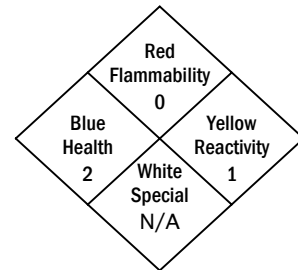
OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

\* No ingredient greater than .1% of volume is classified as hazardous.

Product Identification Number (Harmonized Codes) : 340290 0000

\*See Section 8 for exposure limits.

NFPA & HMIS Rating



## Section 3: Hazards Identification

EMERGENCY OVERVIEW: CAUTION! May cause minor eye and skin irritation. May be harmful if swallowed.

POTENTIAL HEALTH EFFECTS:

\*See Section 11 for toxicological information.

## Section 4: First Aid Measures

- EYE:** Flush with water for 15-20 minutes. Seek immediate medical attention if irritation persists.
- SKIN:** Wash immediately with soap and water. Remove contaminated clothing and launder before reuse. Obtain medical advice if irritation persists.
- INHALATION:** Remove exposed person to fresh air. If breathing is labored give oxygen. If breathing has stopped apply artificial respiration. If irritation persists or if toxic symptoms are observed get immediate medical attention.
- INGESTION:** DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water or milk. If vomiting does occur, keep head below hips to reduce risk of aspiration. Get immediate medical attention.

## Section 5: Fire Fighting Measures

FLAMMABILITY PROPERTIES: Flash Point ..... Non-Flammable  
Method ..... N/A  
LFL/UFL ..... Not Determined  
Auto-ignition Temperature ..... Not Determined

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, and alcohol foam and water.

FIREFIGHTING EQUIPMENT: No special precautions required.

Section 6: Accidental Release Measures

Recover free product for recycle and/or disposal. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulator Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spill.

Section 7: Handling and Storage

HANDLING: Avoid contact with eyes, skin or clothing. Wash hands after handling. Empty container may retain product residue, Follow all MSDS / Label precautions.

STORAGE: Keep containers closed when not in use.

Section 8: Exposure Controls/Personal Protection

VENTILATION: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

RESPIRATORY: Use a NIOSH approved respirator when necessary.

SKIN: Use Viton or Nitrile gloves to avoid prolonged or repeated skin contact.

EYE: Protect eyes from contact with product.

**EXPOSURE LIMITS: The Threshold Limit Value (TLV) of 5 mg/m<sup>3</sup> is suggested for oil mist.**

Section 9: Physical and Chemical Properties

Physical State .....	solid
Boiling Point .....	N?A
Freezing/Melting Point .....	Not determined
Vapor Pressure .....	Not Determined
Vapor Density (Air=1) .....	Not Determined
Evaporation Rate .....	Not Determined
Solubility in Water .....	Appreciable
Specific Gravity (Water=1) .....	Not determined
Density, lb./gal. ....	Not determined
Volatility (Volume) .....	Non-volatile
VOC.....	Unknown
pH.....	10.9 (1% in water)
Coefficient of Water/Oil Distribution .....	Not Determined
Odor .....	Lemon
Odor Threshold .....	Not Determined
Appearance.....	White granular powder
Viscosity, cSt @ 100°C .....	N/A
Viscosity, cSt @ 40°C .....	N/A
Viscosity Index .....	N/A

Section 10: Stability and Reactivity

STABILITY: Stable and will not react violently with water.

INCOMPATIBILITY: None known.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: None.

Section 11: Toxicological Information

ACUTE EXPOSURE

- Eye Irritation: Eye irritant, based on data from components or similar material.
- Skin Irritation: Not expected to be a primary skin irritant. Based on data from components or similar material. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis.
- Respiratory Irritation: Based on data from components or similar materials. Avoid soap dust. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.

CHRONIC EXPOSURE

- Chronic Toxicity: No data available to indicate product present at greater than 1.0% are chronic health hazards.
- Carcinogenicity: No data available to indicate product present at greater than 0.1% are a carcinogenic hazard.
- Mutagenicity: No data available to indicate product present at greater than 1.0% present a mutagenic or genotoxic hazard.
- Reproductive Toxicity: No data available to indicate product present at greater than 1.0% present a reproductive hazard.
- Teratogenicity: No data available to indicate product present at greater than 1.0% present a teratogenic hazards.

ADDITIONAL INFORMATION

- Exposure Limits: Under conditions, which may generate soap dust avoid breathing.

**Section 12: Ecological Information**

No data available on the adverse effects of this product on the environment.

**Section 13: Disposal Considerations**

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

**Section 14: Transport Information**

This product is not classified as hazardous material for DOT shipping. For further information relative to spills resulting from transportation incidents, refer to the latest DOT Emergency Response Guidebook for Hazardous Materials.

**Section 15: Regulatory Information**

U.S. Federal Regulations

- OSHA ..... Not Applicable
- TSCA ..... Not Applicable
- CERCLA 40 CFR 302.4..... Not Applicable
- SARA Title III
  - Section 302 Extremely Hazardous..... Not Applicable
  - Section 311/312
    - Fire Hazard ..... No
    - Reactive Hazard..... No
    - Release of Pressure..... No
    - Acute Health Hazard ..... Yes
    - Chronic Health Hazard..... No
  - Section 313 Toxic Chemical..... Not Applicable

U.S. State Regulations

- California (Prop 65)
  - Does not contain chemicals known to the state of California to cause cancer.

International Regulations

- WHMIS ..... All components listed

**Section 16: Other Information**

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