

AMSOIL Material Safety Data Sheet

Date Issued/Revised: May 31, 2000
Supersedes: June 22, 1999

Section 1: Product and Company Identification

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

AMSOIL Product Code..... PPP
Product Label Name PURE POWER PLUS
Product Use CLEANER / DEGREASER

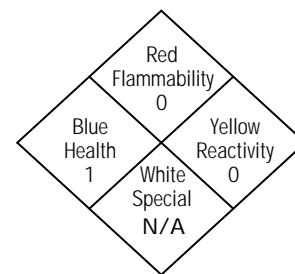
Section 2: Composition/Information on Ingredients

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

2-BUTOXYETHANOL, CAS # 111-76-2, appx. wt. 1.0 - 3.0 %
ACGIH TLV & OSHA PEL 25 ppm (skin)

*See Section 8 for exposure limits.

NFPA & HMIS Rating



Section 3: Hazards Identification

POTENTIAL HEALTH EFFECTS: Eye irritant, Skin irritant

*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 develops.

SKIN: Wash immediately with soap and water. Remove contaminated clothing and launder before reuse. Discard shoes and leather articles saturated with the product. Obtain medical advice if irritation occurs.

INHALATION: Remove exposed person to fresh air. If breathing is labored give oxygen. If breathing has stopped apply artificial respiration. Get immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. 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 Not Applicable
LFL/UFL..... Not Applicable
Auto-ignition Temperature Not Applicable

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

FIREFIGHTING EQUIPMENT: Full bunker gear recommended including a positive pressure self-contained breathing apparatus Water may be used to cool and protect exposed material.

Section 6: Accidental Release Measures

Isolate spill area. Provide adequate ventilation. Wear appropriate personal protection. Recover free product for recycle and/or disposal. Add sand, earth or other suitable absorbent to spill area. Prevent entry into sewers and waterways. 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: Keep containers closed. Avoid contact with eyes, skin or clothing. Wash hands after handling. Empty container may retain product residue which may exhibit hazards of product.

STORAGE: Do not freeze.

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: Use splash goggles or face shield where splashing is expected or can occur.

EXPOSURE LIMITS: Not Applicable.

Section 9: Physical and Chemical Properties

Physical State	Liquid
Boiling Point	212°F (100°C)
Freezing/Melting Point	32°F (0°C)
Vapor Pressure	Not Determined
Vapor Density (Air=1).....	Not Determined
Evaporation Rate.....	Not Determined
Solubility in Water	@ 1 Atm. And 77°F (25°C)<0.1%
Specific Gravity (Water=1).....	1.04
Density, lb./gal.....	8.67
Volatility (Volume)	Not Applicable
VOC	Unknown
pH	Neutral to slightly alkaline (8.5 range)
Coefficient of Water/Oil Distribution.....	Not Determined
Odor	Mild "butyl"Odor
Odor Threshold	Not Determined
Appearance.....	Transparent green color
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: Avoid contact with strong oxidizers..

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: None.

Section 11: Toxicological Information

ACUTE EXPOSURE

Eye Irritation: Moderate to severe corneal injury possible and redness persisting for an extended period of time, 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. Symptoms may include redness, edema, drying, defatting, and cracking of the skin.

Respiratory Irritation: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based on data from components or similar materials. 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 mists, observe the OSHA PEL of 5 mg per cubic meter.

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 2-Butoxyethanol, CAS# 111-76-2 @ 1.0 -3.0%

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

The information and recommendations contained herein are, to the best of AMSOIL's knowledge and belief, accurate and reliable as of the date issued. AMSOIL makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and AMSOIL shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with AMSOIL's interpretation of the available data.