

# AMSOIL Material Safety Data Sheet

Date Issued/Revised: May 31, 2000  
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## 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.....PFB  
Product Label Name ..... PRO-FORMULA BRITE SIDE WHITE WALL TIRE CLEANER  
Product Use ..... CLEANER

## Section 2: Composition/Information on Ingredients

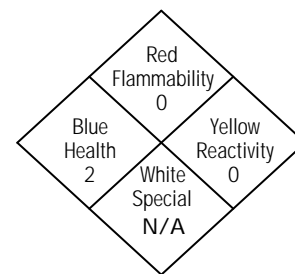
OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Sodium Hydroxide solution , CAS# 1310-73-2 Mixture, 50.50%  
Dipropylene Glycol, monomethyl ether CAS# 034590-94-8

Product Identification Number ( Harmonized Codes ) : 340290 5030

\*See Section 8 for exposure limits.

NFPA & HMIS Rating



## Section 3: Hazards Identification

EMERGENCY OVERVIEW: CAUTION ! Sodium Hydroxide can cause severe burns to skin, eyes and respiratory tract in concentrations greater than 4%. Do not allow product to evaporate.

POTENTIAL HEALTH EFFECTS:

\*See Section 11 for toxicological information.

## Section 4: First Aid Measures

EYE: Flush with water for 20-30 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 ..... COC ASTM D-92  
LFL/UFL.....Not Determined  
Auto-ignition Temperature .....Not Determined

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

**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:** Keep away from heat, sparks, electricity or flame.

**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:** 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 .....	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).....	> 1.0
Density, lb./gal.....	7.193
Volatility (Volume) .....	Negligible
VOC .....	Unknown
pH .....	Not Determined
Coefficient of Water/Oil Distribution.....	Not Determined
Odor .....	Mild Odor
Odor Threshold .....	Not Determined
Appearance.....	Clear Liquid
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 chlorinated and fluorinated hydrocarbons, ( i.e. chloroform, difluoroethane ), acetaldehyde, acrolein, aluminum, chlorine trifluoride, hydroquinone, maleic anhydride, phosphorus pentoxide and tetrahydrofuran.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION OF PRODUCT: None.

Section 11: Toxicological InformationACUTE 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 Sodium Hydroxide and dipropylene glycol monoethyl ether are classified as hazardous chemicals.

TSCA ..... Not Applicable

CERCLA 40 CFR 302.4 . Sodium hydroxide is reportable in quantities above 1,000 pounds.

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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