LubeCorp Manufacturing Inc.
ISO 9001:2000

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

Material Safety Data Sheet

LUBECORP GASOLINE OCTANE BOOSTER

Section 1: Chemical Product and Company Identification

Product Name: LUBECORP GASOLINE OCTANE BOOSTER

Product Identifier: PETROLEUM HYDROCARBON MIXTURE

Chemical Family: OXYGENATED AND AROMATIC HYDROCARBONS

Common Uses: GASOLINE ENGINE PERFORMANCE BOOSTER

In Case of Emergency: LubeCorp Manufacturing 1-800-661-6100

Contact Information:

LubeCorp Manufacturing Inc.

1010 72 Avenue N.E.

Calgary, Alberta

T2E 8V9

Canada

Section 2: Hazards Identification

Physical State: Liquid

Odour: Aromatic

WHMIS Class: B.2 Flammable Liquid, D.2B (Toxic)

T.D.G Class: Flammable Liquid, N.O.S Class 3, Pkg II, UN 1993

HMIS:		
	Health	**1**
	Flammability	**3**
	Physical Hazards	**1**
	Personal Protection	**B**

TARIFF NUMBER/(H.S. CODE): 3811.19.00.00

Routes of Entry: Dermal contact, Eye contact, Inhalation, Ingestion.

Potential Acute Health Effects

Inhalation: High concentration of vapors may cause nasal and respiratory irritation, headache dizziness and nausea.
Ingestion: Aspiration hazard. If swallowed, do not induce vomiting.
Skin: Causes irritation. May be absorbed through skin.
Eyes: Causes severe eye irritation with redness and pain.

Potential Chronic Health Effects

Chronic Effects: Can cause dry, red, cracked skin (dermatitis) following skin contact.
Carcinogenicity: Not listed as carcinogenic by OSHA, NTP or IARC.
Mutagenicity: No known significant effects or critical hazards.
Reproductive Toxicity: Not known to be a reproductive hazard.
Tetroginicity/Embryotoxicity: Developmental hazard. May harm the unborn child based on animal information. Has been associated with: low birth weight or size, learning disabilities, hearing loss.

Section 3: Composition and Information on Ingredients

COMPONENTS	CAS Number	% by Wt.	OSHA (PEL)	NIOSH (REL)
Phenylmethane	108-88-3	60-100	TWA 200pm C 300 ppm 500ppm (10-minute maximum peak)	TWA 100ppm (375mg/m^3) ST 150 ppm (560mg/m^3)

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First Aid Measures

Inhalation: If irritation is experienced, move to fresh air. Get medical aid

Ingestion: Do not induce vomiting. Get medical attention immediately.

Eyes: Flush eyes with water for at least 15 minutes. If irritation persists consult physician.

Skin: Wash with soap and water. Wash contaminated clothing before reuse.

Section 5: Fire-fighting Measures

Flash Point (C.O.C) 7° C

Fire Extinguishing Substances: Foam, CO_2, Dry Chemical, Water spray or fog

Special Fire-fighting Procedures: Flammable Liquid. Wear full protective clothing and NOISH-approved self-contained breathing apparatus with a full face-piece operated in pressure demand or other positive pressure mode.

Products of Combustion: Carbon oxides (CO, CO_2), water vapour

Special Remarks on Explosion Hazards: Do not store in high temperature areas or where subject to open flames.

Section 6: Accidental Release Measures

Personal precautions: Evacuate surrounding areas. Do not touch or walk through spilt material. Provide adequate ventilation. Use appropriate personal protective equipment. (See section 8.)

Environmental Precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

Methods of Cleaning

For small spills, clean up with absorbent material. Collect material in suitable and properly labelled open containers. For large spills, dike and pump into suitable and properly labeled containers.

Section 7: Handling and Storage

Handling: Put on appropriate personal protective equipment (See Section 8). Keep away from heat, sparks and open flame. Use with adequate ventilation. Do not pressurize, cut, weld, braze, drill, grind, or expose empty containers to heat, sparks or open flames.

Storage: Store in accordance with local regulations. Store in a cool, dry, well-ventilated area away from incompatible materials (see Section 10). Keep containers closed when not in use

Section 8: Exposure Controls and Personal Protection

Recommended monitoring procedures: None required.

Engineering measures: Use in well-ventilated area.

Hygiene Measures: Wash hands with soap and water after handling. Ensure that eyewash stations and safety showers are available.

Personal Protection

Ventilation: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Respiratory Protection: Use a properly fitted, air purifying or air-fed respirator complying with an approved standard if a risk assessment indicates that is necessary.

Eye Protection: Safety eyewear should be used.

Skin protection: Wear appropriate protective gloves to prevent skin exposure.

Other Protection: None required.

Section 9: Physical and Chemical Properties

Physical State: Liquid

Color: Purple

Flash point: 7°C

Solubility in water % by wt: 18%

Volatility: 99%

Pour Point: <-60°C

Specific Gravity, 20 °C: 0.87-0.89

Section 10: Stability and Reactivity

Chemical Stability: The product is stable under normal conditions of use and storage.

Incompatibility (Materials to Avoid): Avoid strong oxidizing agents.

Hazardous Decomposition Products: Oxides of carbon produced on combustion

Can Hazardous Polymerization Occur? Will not occur.

Section 11: Toxicological Information

LD 50 - ORAL: 5,900 mg/kg (Rat) **LD 50 - DERMAL:** 12,200 mg/kg (Rabbit)

LC 50: 5,900 mg/m^3 4H (Rat)

CARCINOGENICITY: The materials in this product are not carcinogenic.

Environmental Effects: No known significant effects or critical hazards.

Biodegradability: Not available.

Section 13: Disposal Considerations

Steps to be taken upon release or spillage: Flammable liquid. Remove sources of Ignition, ventilate spill area. Wear adequate clothing and respiratory equipment. Prevent entry into sewers and waterways. Absorb with inert material. Remove to closed container for disposal.

Waste Disposal Method: Landfill absorbed material in a government approved site. Incinerate with approval of environmental authority.

Section 14: Transport Information

T.D.G Class: Flammable Liquid, N.O.S Class 3, Pkg II, UN 1993

TARIFF NUMBER/(H.S. CODE): 3811.19.00.00

Section 15: Regulatory Information

WHMIS Class: B2 Flammable, D.2B (Toxic)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. This MSDS was prepared in reference to Primary Supplier MSDS, Laboratory test results and analysis in conjunction with LubeCorp's experience and handling with this product.

Canada Inventory: All products are listed or exempted.

United States Inventory (TSCA): All components are listed or exempted.

Section 16: Other Information

References: Available upon request.

Date of Issue: Aug 05, 2014

Responsible: Product Safety – LubeCorp Manufacturing Inc.

For Copy of MSDS: www.lubecorp.com 1-800-661-6100

Notice to reader: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state/provincial, and local laws.