

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTITY

Product/Material Name: Castrol Super Clean Tire Gloss
Chemical Name: Mixture
Chemical Family/Classification: Aqueous Silicone Emulsion
Molecular Weight: NA
Material Use: Automotive Tire Shine Product

Chemical Formula: NA

HMIS HAZARD RATING:

[0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe]

Health: 1
Flammability: 0
Reactivity: 0

WARNING STATEMENTS (If Applicable):

CAN CAUSE MINOR EYE IRRITANTION. Avoid contact.

MANUFACTURER'S/ SUPPLIER'S NAME & ADDRESS:

In the US :
BP Lubricants USA Inc.
1500 Valley Road
Wayne, NJ 07474
Telephone : (973) 633-2200
Telecopier : (973) 633-7475

In Canada :
Castrol Canada Inc.
3660 Lakeshore Blvd.
Toronto (Ontario) M8W 1P2
Telephone : (416) 252-5511
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In Latin America :
Castrol Latin America Lubricants
3750 NW 87th Ave., Suite 600
Miami, FL 33178
Telephone : (305) 714-2640
Telecopier : (786) 437-6380

IN THE EVENT OF AN EMERGENCY PLEASE CALL: BP Emergency Response Center 1-800-321-8642

Date Prepared/Updated: 12/10/2004

Preparer: Regulatory, Environmental, Safety Department
Telephone: (973) 633-2200

SECTION II: PRODUCT/HAZARDOUS INGREDIENTS

INGREDIENTS - CHEMICAL/COMMON NAME	EXPOSURE LIMITS - TLV	LD ₅₀	LC ₅₀	Wt. %
Water [CASRN 7732-18-5]	ND	ND	ND	60-100
Proprietary Silicone emulsion [CASRN Confidential]	ND	ND	ND	25-35
Propylene Glycol	ND	ND	ND	0.1-0.5
Other additives [mixture - CASRN NA]	ND	ND	ND	1-5

Note: Product contains no materials currently classified as carcinogenic per the Annual Report of the National Toxicology Program (NTP), OSHA Hazard Communication Standard, or the International Agency for Research on Cancer (IARC, Groups 1, 2A, or 2B)

SECTION III: FIRST AID MEASURES

Signs/Symptoms:

Eyes: Irritation, redness, tearing, pain.

Skin: Irritation, redness.

Respiratory system: Nasal and respiratory irritation.

Eye contact: Immediately flush with plenty of clean water for at least 15 minutes. Consult a physician if irritation persists.

Skin contact: Remove clothing. Flush skin with plenty of clean water for 15 minutes. Call a physician if irritation persists.

Inhalation: Remove from area of exposure. If breathing is difficult or irritation persists, call a physician.

Ingestion: Do not induce vomiting. Give plenty of water or milk and call a physician immediately. Do not give anything by mouth to an unconscious or convulsing person.

SECTION IV: HEALTH HAZARD DATA

Exposure Limits:

See Section II, Product/Ingredient Information.

PRIMARY ROUTES OF ENTRY:

Eye Contact

Skin Contact

Skin Absorption

Inhalation (Acute)

Inhalation (Chronic)

Ingestion

EFFECTS OF EXPOSURE

Acute - Eyes: Can cause irritation. Avoid contact.

Skin: Can cause minor Irritation. Avoid contact.

Respiratory system: Can cause minor irritation following inhalation of mists.

Ingestion: Can cause irritation to digestive tract. Do not swallow.

Chronic - No chronic effects known.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin disorders.

TOXICOLOGY DATA (Product)

Acute Data (Median Lethal Dose - species)

Oral LD₅₀ - rat: ND

Dermal LD₅₀ - rabbit: ND

Inhalation LC₅₀ - rat: ND

Irritancy Data

Eye irritation - rabbit: ND

Skin irritation - rabbit: ND

Sensitization - guinea pig: ND

Other: No evidence of carcinogenicity, teratogenicity, mutagenicity, respiratory toxicity, sensitizing ability or synergistic substances.

SECTION V: EMPLOYEE PROTECTION

Ventilation: General ventilation and local exhaust recommended. Build up of mists/vapors in the working atmosphere must be prevented.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Respirators should be used when engineering or other controls are not technically feasible. When required, use only a MSHA/NIOSH approved air supplied respirator or an air-purifying respirator.

Eye: Safety goggles or face shield.

Gloves (specify): Impervious type gloves, such as rubber, neoprene, nitrile, polyethylene.

Clothing: Protective clothing such as a coverall or apron may be used to minimize skin contact.

Footwear: No special requirement.

Other: Eye wash and safety shower recommended in industrial settings.

Work/Hygienic Practices: Avoid eye contact. Do not wear contaminated clothing; Launder before reuse or discard. Wash thoroughly after handling.

Storage/Handling: Maintain ambient temperatures. Avoid prolonged breathing of mists. Use with adequate ventilation. Avoid contact with eyes, skin or clothing. Do not swallow. Keep container tightly closed when not in use.

KEEP OUT OF REACH OF CHILDREN.

SECTION VI: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: ~ (212 deg F) 100 deg C

Specific Gravity (Water=1): 0.98 to 1.04

Vapor Pressure (mm. Hg. @ 25 deg C): ND

Vapor Density (Air=1): ND

Percent VOCs: ND

Evaporation Rate(Water=1): 1

Solubility in Water: Complete

Freezing Point: ~30 deg F (2 deg C)

pH-Value (Neat): 8.1 to 8.5

Viscosity @ 40 deg C, cSt.: ~800 tp 1000

Odor Threshold: ND

Coefficient of Water/Oil Distribution: NA

Appearance, Odor & Physical State: Milky white liquid.

SECTION VII: FIRE AND EXPLOSION DATA

FLAMMABILITY Yes [] No [X] Aqueous fluid

Flash Point (COC): NA

Fire Point (COC): NA

Autoignition Temperature: NA

Flammability limits in Air, % Vol.: Upper - NA

Lower - NA

Extinguishing Media:

Use media appropriate for any surrounding combustible substances (Water fog, CO₂, dry chemical, foam).

Special Firefighting Procedures/Unusual and Explosion Hazards:

Cool fire exposed containers with water. Do not enter confined areas without full protective equipment, including a positive pressure NIOSH approved self-contained breathing apparatus.

EXPLOSION DATA

Sensitivity to Mechanical Impact: NA

Sensitivity to Static Discharge: NA

SECTION VIII: REACTIVITY

Stability: Stable at ambient temperatures

Hazardous Polymerization: Will not occur.

Conditions and Materials to Avoid (Incompatibilities):

Strong bases.

Strong oxidizers.

Hazardous Combustion or Decomposition Products:

Smoke, fumes, oxides of carbon. If product is heated above 300 degrees Fahrenheit small quantities of Formaldehyde can be liberated.

SECTION IX: ENVIRONMENTAL PROTECTION

FOR TRANSPORTATION RELATED SPILLS, LEAKS, FIRE, EXPOSURE, OR ACCIDENT:

In United States, call CHEMTREC: (800) 424-9300, 24 hrs.

In Canada, call CANUTEC collect: (613) 996-6666, 24 hours.

Spill or Leak Procedures:

Use best engineering practices when attempting cleanup of a large spill.

Large spills - Wear respirator and appropriate protective clothing. Stop source of leak if possible. Dike, contain spill and recover free liquid. Prevent entry into waterways. Soak up residue with an inert absorbent such as clay, sand or other suitable materials; Store and dispose of properly. Flush area with water. Where feasible and appropriate, remove contaminated soil.

Small spills - Soak up spill with an inert absorbent such as clay, sand or other suitable materials; Store in a closed container and dispose of properly.

Regulatory spill reporting requirements may apply; contact governmental agency or legal counsel for advice.

Waste Disposal Method:

The toxicity characteristic has not been evaluated. Under RCRA, the applicable hazardous waste classification must be evaluated prior to disposal of the material. Use of the product, processing or contamination may render the resulting material hazardous or alter waste classification.

All recovered material should be packaged, labeled, transported and disposed of or reclaimed in accordance with local, state and Federal regulations regarding air pollution, water pollution or health.

CAUTION: Improper disposal or reuse of the empty container may be hazardous and illegal. Cutting or welding of empty containers may cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place. Refer to applicable governmental regulations.

SECTION X: REGULATORY INFORMATION

TRANSPORTATION

Special Shipping Information/DOT Proper Shipping Name:

Not Regulated.

CHEMICAL CONTROL REGULATIONS:

TSCA Status:

All components of this product appear on the U.S. Toxic Substance Control Act Chemical Substances Inventory.

Canadian Environmental Protection Act:

At least one component of this product does not appear on the Canadian Domestic Substances List. This product must be tracked if imported into Canada

Canadian Workplace Hazardous Material Identification System (WHMIS) Classification:

Not a WHMIS controlled product

- Class A - Compressed Gas
- Class B-1 - Flammable Gases
- Class B-2 - Flammable Liquids
- Class B-3 - Combustible Liquids
- Class B-4 - Flammable Solids
- Class B-5 - Flammable Aerosols
- Class B-6 - Reactive Flammable Materials
- Class C - Oxidizing Material
- Class D, Div. 1 - Materials Causing Immediate and Serious Toxic Effects
- Class D-1A - Very Toxic Material
- Class D-1B - Toxic Material
- Class D, Div. 2 - Materials Causing Other Toxic Effects
- Class D-2A - Very Toxic Materials
- Class D-2B - Toxic Materials
- Class D-3 - Biohazardous Infectious Material
- Class E - Corrosive Material
- Class F - Dangerously Reactive Material

EPCRA (SARA Title III):

Section 302/304 Extremely Hazardous Substance: NA

CERCLA Section 102(a) Hazardous Substance: NA

Section 311 Hazard Category

- Acute (immediate)
- Chronic (delayed)
- Fire
- Sudden Release of Pressure
- Reactive
- Not applicable

Section 313 Toxic Release Inventory Chemical/Category:

None

U.S. STATE RIGHT TO KNOW LAWS

New Jersey Worker and Community Right to Know Act, N.J.A.C. 8:59-5 Labeling Information:

See Section II.

California Safe Drinking Water Enforcement Act (Proposition 65):

Not Applicable.

NOTICE:

The information presented herein is compiled from sources considered to be dependable, believed to be accurate to the best of BP Lubricants USA Inc. knowledge, and offered in good faith for the purpose of hazard communication. Because product use is beyond our control, no warranty is given, expressed or implied. BP Lubricants USA Inc. cannot assume any liability for the use of information contained herein. To determine applicability or effect of any law or regulation with respect to the product, users should consult a legal advisor or appropriate governmental agency.
