

MATERIAL SAFETY DATA SHEET
P 110 31130031

1. Product and Company Identification

Product number	848-002
Product name	MOOSE RACING PLASTIC CLEANER
Effective date	14-Oct-2008
Company information	LEMANS CORPORATION P O BOX 5222 JANESVILLE, WI 53547 United States
Company phone	800-424-9300
Emergency telephone US	703-527-3887
Emergency telephone outside US	08
Version #	03-Sep-2008
Supersedes date	

2. Hazards Identification

Emergency overview	CONTENTS UNDER PRESSURE. Aerosol. Will be easily ignited by heat, spark or flames.
Potential health effects	Harmful in contact with eyes. Prolonged exposure may cause chronic effects.
Routes of exposure	Ingestion. Skin contact. Eye contact.
Eyes	Contact may irritate or burn eyes. Eye contact may result in corneal injury.
Skin	This product may be harmful if it is absorbed through the skin. Prolonged or repeated contact can result in dermatitis and drying of the skin which may result in skin irritation and dermatitis (rash).
Inhalation	Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Prolonged inhalation may be harmful.
Ingestion	Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage. Components of the product may be absorbed into the body by ingestion.
Target organs	2-Butoxyethanol may be absorbed through the skin in toxic amounts if contact is observed and prolonged and may cause blood damage. These effects have not been reported in humans.
Chronic effects	Blood. Central nervous system. Lungs. Unconsciousness. Conjunctiva. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage. Can cause adverse reproductive effects.
Signs and symptoms	Discomfort in the chest. Corneal damage. Narcosis. Cyanosis. Conjunctivitis. Dermatitis of the skin. Irritation. Birth defects. Sterility.

3. Composition / Information on Ingredients

Components	CAS #	Percent
2-Butoxyethanol	111-76-2	3 - 5
Ethyl Alcohol	64-17-5	3 - 5
Propane	74-98-6	1 - 3
n-Butane	106-97-8	1 - 3

Non-hazardous and other components below reportable levels

4. First Aid Measures

First aid procedures	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Eye contact	Immediately take off all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops or persists.
Skin contact	

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Inhalation
Ingestion
Move to fresh air. Call a physician if symptoms develop or persist.
If material is ingested, immediately contact a poison control center. Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

5. Fire Fighting Measures

Flammable properties	Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.
Extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Suitable extinguishing media	
Protection of firefighters	In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.
Protective equipment and precautions for firefighters	

6. Accidental Release Measures

Methods for containment	Eliminate all ignition sources (no smoking, flames, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

7. Handling and Storage

Handling	Pressurized container. Do not pierce or burn, even after use. Do not handle or store near an open flame, heat or other sources of ignition. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not get this material in contact with eyes. Do not get this material in contact with skin. Avoid prolonged exposure.
Storage	Level 1. Aerosol. Contents can increase under the influence of heat. Keep away from heat and sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep the container dry. Keep in an area equipped with sprinklers. Keep out of the reach of children. Do not store, incinerate, or heat this material above 120 degrees Fahrenheit.

8. Exposure Controls / Personal Protection

Exposure limits	ACGIH	CAS #	TWA	STEL	Ceiling
Components					
2-Butoxyethanol	111-76-2	20 ppm	Not established	Not established	Not established
Ethyl Alcohol	64-17-5	1000 ppm	Not established	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established	Not established
n-Butane	106-97-8	1000 ppm	Not established	Not established	Not established
OSHA					
Components					
2-Butoxyethanol	111-76-2	50 ppm	Not established	Not established	Not established
Ethyl Alcohol	64-17-5	1000 ppm	Not established	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established	Not established

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Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELNCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

State regulations

U.S. - Pennsylvania - RTK (Right to Know) List	
2-Acetylthiophene	Present
EDM Acetone	Present
n-Butane	Present
Propane	Present

16. Other Information

Further information HMIS® is a registered trade and service mark of the NFPA.

HMIS® ratings
 Health: 1+
 Flammability: 2
 Physical hazard: 0

Disclaimer
 The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide to safe handling, use, processing, storage, transportation, disposal and other safety-related issues. It does not constitute a warranty or quality specification. The information relates only to the specific material described and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

MSDS sections updated

Product and Company Identification: Product and Company Identification
Composition / Ingredients: Ingredients: Ingredients
Hazards Identification: Main symptoms
Fire Fighting Measures: Unusual fire & explosion hazards
Handling and Storage: Special protective equipment for firefighters
Transport Information: Agency Name and Packaging Type/Transport Mode Selection
Regulatory Information: United States
Regulatory Compliance

Prepared by