



MATERIAL SAFETY DATA SHEET

MSDS: CHAMPION® MSDS 4123I

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHAMPION® MSDS 4123I

Synonyms:

4123I CHAMPION® HEAVY DUTY ENGINE DEGREASER

Company Identification

Champion Brands, L.L.C., 1001 Golden Drive, Clinton, MO 64735

PHONE: 800-821-5693 WEBSITE: www.championbrands.com

CAS Registry Number

Not Applicable

Synonyms

None

Generic/Chemical Name

NA

Product Type

AEROSOL ENGINE CLEANER AND DEGREASER CONTAINING KEROSENE

Preparation Date

March 20, 2007

Transportation Emergency Response

CHEMTREC: (800) 424-9300

Product Information

Product Information and MSDS Requests: (800) 821-5693 and www.championbrands.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
KEROSENE	8008-20-6	8% - 12% weight
2-BUTOXYETHANOL	111-76-2	2% - 6% weight
POLY(OXY-1,2-ETHANEDIYL), ALPHA-(4-NONYLPHENYL)-OMEGA-HYDROXY	127087-87-0	2% - 6% weight
LUBRICATING OILS HYDROTREATED SPENT 59-63%	64742-58-1	59% - 63% wt.
PROPANE-ISOBUTANE-n-BUTANE	68476-86-8	19% - 23% wt.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Harmful if inhaled, swallowed, or absorbed through skin.

POTENTIAL HEALTH EFFECTS

CARCINOGENICITY: Product not considered a carcinogen by OSHA, NTP, or IARC.

MEDICAL CONDITIONS: Pre-existing eye or skin conditions may be aggravated by over-exposure to this product.

TARGET ORGANS: Central nervous system, liver, lungs, kidneys.

PRIMARY ENTRY ROUTES: Skin absorption and inhalation.

ACUTE HEALTH EFFECTS

EYE: Will cause irritation upon contact.

SKIN: Prolonged contact with skin can cause irritation. Repeated skin contact may cause persistent irritation and dermatitis.

INHALATION: Respiratory irritation and dizziness.

INGESTION: Product may cause discomfort, nausea, vomiting, and diarrhea.

CHRONIC HEALTH EFFECTS: Overexposure to the ingredients in this product may cause liver abnormalities, and kidney damage.



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4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.

SKIN CONTACT: Wash area with soap and water. Seek medical attention if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention. Inhalation hazard unlikely due to low volatility of product.

INGESTION: DO NOT induce vomiting. Only give CONSCIOUS victim two glasses of water and seek medical attention. NEVER give UNCONSCIOUS victim anything by mouth.

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.

NFPA RATINGS: Health: 1 Flammability: 2 Reactivity: 0

FLAMMABLE PROPERTIES:

FLASH POINT: BT 120 - 200 F TCC

EXTINGUISHING MEDIA: Carbon Dioxide (CO₂), Dry Chemical, Foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and can collect in low areas.

FIRE FIGHTING INSTRUCTIONS: Containers can build up pressure if exposed to fire. Containers should be cooled with water spray.

FIRE FIGHTING EQUIPMENT: Self contained breathing apparatus with full face piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE INFORMATION

SPILL/LEAK PROCEDURES: Notify safety personnel, evacuate all unnecessary personnel and provide adequate ventilation. If feasible and without risk, clean-up personnel should stop leak. All clean-up personnel should wear proper personal protective equipment.

SMALL SPILL: Clean with inert absorbant and place in recovery drums for disposal.

LARGE SPILL: Dike to prevent further migration of material. DO NOT release into waterways or sewers. Follow applicable federal and state regulations (20CFR1910.120).

NOTE: Product in aerosol container, spill hazard unlikely.

Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

7. HANDLING AND STORAGE

STORAGE REQUIREMENTS: Store in clean, dry locations away from excessive heat. Store in areas designated for the storage of (Level III) aerosols according to NFPA 30B (Manufacturing and Storage of Aerosol Products).

HANDLING PRECAUTIONS: Wash thoroughly after handling. Do not get into eyes, on skin, or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks, or open flame.

8. EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

ENGINEERING CONTROLS: Eye wash station and safety shower.

VENTILATION: Strong general ventilation or local exhaust.

PERSONNEL PROTECTIVE EQUIPMENT

EYE: Chemical splash goggles with indirect or no ventilation.

SKIN: Chemical resistant gloves such as nitrile.



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RESPIRATORY: Organic vapor air purifying respirator if vapors are a nuisance or if the concentrations are above PEL or TLV.

COMMENTS: Never eat, drink, or smoke in work areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: BT 220 - 440 F
SPECIFIC GRAVITY: BT 0.820 - 0.825
VAPOR PRESSURE: BT 0.4 - 5.0 mmHG
VAPOR DENSITY: BT 4.5 - 6.2 AIR=1
SOLUBILITY IN WATER: Not soluble in water.
ODOR/APPEARANCE/CHARACTERISTICS: Colorless liquid, petroleum distillate odor.
VOC: 35%

10. STABILITY AND REACTIVITY

STABILITY: Material is stable
POLYMERIZATION: Hazardous polymerization cannot occur.
CHEMICAL INCOMPATIBILITIES: Strong oxidizing agents.
CONDITION TO AVOID: Excessive heat and open flame.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, and carbon dioxide.

11. TOXICOLOGY INFORMATION

-----LD50-----
Kerosene: 28 g/kg (oral)

12. ECOLOGICAL INFORMATION

ECOTOXICITY: No data

ENVIRONMENTAL FATE: No data

13. DISPOSAL INFORMATION

Dispose of in accordance with all applicable state, federal, and local regulations.

14. TRANSPORTATION INFORMATION

DOT DOMESTIC:

*Consumer Commodity ORM-D

EXPORT:

*Aerosols Dispensers, Class 2.1, UN1950, IMCO 9.0, Page 9022.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA: Considered hazardous material as defined by 29CFR1910.1200

EPA SARA TITLE III:

-Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n):

*IMMEDIATE (acute) HEALTH HAZARD

*DELAYED (chronic) HEALTH HAZARD

*FIRE HAZARD

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*SUDDEN RELEASE HAZARD

-Section 313 (40CFR372): This product contains ingredients which are subject to the reporting requirements of SARA 313:
*2-Butoxyethanol

STATE REGULATIONS

CALIFORNIA PROPOSITION 65: This product does not contain ingredients which are on the current Proposition 65 list.

16. DISCLAIMER

NFPA RATINGS: Health: 1 Flammability: 2 Reactivity: 0

HMIS RATINGS: Health: 1 Flammability: 2 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *-Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

NOTES:

*NG="NOT GIVEN" *BT="BETWEEN" *<="LESS THAN" *>="GREATER THAN"

USER'S RESPONSIBILITY: This MSDS provides environmental, health and safety information. This product is to be used in applications consistent with our product literature and container label. Individuals handling this product should be informed to the recommended safety precautions and have access to this MSDS. Please contact your local sales representative or our Environmental, Health and Safety Department for further information.

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by Champion LLC, 1001 Golden Drive, Clinton, Missouri 64735.

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