



PC NON-CL BRAKE CLEANER SDS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name on Label: PROFESSIONALS CHOICE NON-CHLORINATED BRAKE CLEANER

Other Identification: N/A

Use of the substance/mixture: Non-Chlorinated Solvent Blend Cleaner

Company name : MOORE OIL COMPANY
4033 WEST CUSTER AVE
MILWAUKEE, WI 53209 (414) 462-3200

Emergency number: (800) 424-9300 - CHEMTREC

SECTION 2: Hazards identification

Classification of the substance or mixture: Flammable Liquid 2, Aspiration Toxicity 1, Eye and Skin Irritant 2b, Signal Word: Danger



Label elements:

Other hazards: Medical Conditions Aggravated by Exposure: Dermatitis. Reports have associated repeated and prolonged occupational overexposure to light petroleum products with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome").

Unknown acute toxicity (GHS-US): HMIS Rating: Health - 1 Fire - 4 Reactivity - 0 Personal Protection - C
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

SECTION 3: Composition/information on ingredients

Mixture

NAME	PRODUCT IDENTIFIER	% BY WT
n-Heptane	142-82-5	>85
Denatured Ethanol mixture	Mixture	<15

SECTION 4: First aid measures

Description of first aid measures

First-aid measures after inhalation	Move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If heart has stopped, immediately begin CPR. If breathing is difficult, 100 percent humidified oxygen should be administered by a qualified individual. Seek medical attention immediately.
First-aid measures after skin contact	Remove contaminated shoes and clothing. Flush affected area with large amounts of soap and water. Do not use ointments. Seek medical attention if tissue appears damaged or if pain or irritation persists.
First-aid measures after eye contact	Flush eyes with water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of the eye and eyelid tissue. If easily accomplished, check for and remove contact lenses. Do not use eye ointment. Seek medical attention.



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First-aid measures after ingestion	Do not induce vomiting. If spontaneous vomiting is about to occur, place victim's head below knees. Place on the left side with head down. Never give anything by mouth to an unconscious person. Do not leave victim unattended. Seek medical attention immediately.
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Indication of any immediate medical attention and special treatment needed:

INHALATION: Inhalation overexposure can produce toxic effects. Monitor for respiratory distress.

INGESTION: If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric leverage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.

SECTION 5: Fire-fighting measures

Fire and Explosive Properties: Flash Point: >25°F (> -3.89°C)

Flammable Limits: Heptane LEL / UEL: 1.05/6.7 Denatured Ethanol LEL / UEL: 3.3/19.0

Extinguishing Media: Carbon dioxide, dry chemical or appropriate foam. Water spray may be used to reduce vapors and to cool fire exposed containers.

Protective Equipment: 1B Flammable liquid. Wear clothing and equipment to avoid body contact.

Auto Ignition Temp: Heptane: 399°F (204°C), Denatured Ethanol 685°F (363°C)

SECTION 6: Accidental release measures

Steps to be taken if Material is Spilled or Leaked:

Protective clothing and equipment must be worn by cleanup personnel. Contain spill or leakage in suitable container or contain in a holding area. Do not allow drainage to sewers, streams, or storm conduits. Recover with vacuum equipment such as a septic tank truck. Ensure proper disposal in compliance with government requirements and ensure conformity to local disposal regulation. Do not flush to sewer.

SECTION 7: Handling and storage

Precautions to be taken in Handling and Storage:

Chemical resistant gloves and safety goggles should be worn when handling in a well-ventilated area. Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Use proper safety equipment. Store under ventilated and dry environment suitable for flammable liquids (OSHA 29CFR1910.106). Store away from ignition sources, temperatures extremes, direct sunlight and incompatible substances.

SECTION 8: Exposure controls/personal protection

Ventilation: Either local exhaust or general room ventilation is usually required. Local exhaust is preferred because it prevents contaminant dispersion into the work area by controlling it at the source.

Respirator Protection: If required a properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in SECTION 3.

Skin Protection: Chemical resistant gloves (butyl rubber), aprons, sleeves, head and face protection, and boots should be worn when handling in a well-ventilated area.

Eye Protection: Safety goggles should be worn. Chemical splash goggles and/or face shield must be worn when the possibility for eye contact due to splashing or spraying liquid, airborne particles, or vapor.

Contact lenses must not be worn. Comply with 29CFR1910.133.



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SECTION 9: Physical and chemical properties

Boiling Point: 205°F (>96°C) Vapor Pressure (mmHg @ 68°F): 40 mmHg
Vapor Density: 3.5 Solubility in Water: Negligible
Specific Gravity: 0.71 ± 0.01 Melting Point: < -132°F (< -91°C)
% Volatile: 100% pH: Not Applicable
Appearance/Odor: Clear liquid, mild alcohol odor.

SECTION 10: Stability and reactivity

Stability: Material is stable when properly handled and stored.
Materials to Avoid: Strong oxidizing agents, acids, alkalis
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Do not allow contact with sources of ignition.
Hazardous Decomposition Products: Various hydrocarbons of incomplete combustion.

SECTION 11: Toxicological information

IARC, NTP, OSHA Carcinogen: No known carcinogenic effects towards humans.

SECTION 12: Ecological information

Eco-toxicity (aquatic and terrestrial, where available): N/A
Persistence and degradability: N/A
Bio-accumulative potential: N/A
Mobility in soil: N/A
Other adverse effects (such as hazardous to the ozone layer): N/A

SECTION 13: Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

SECTION 14: Transport information

UN number: UN1993
UN proper shipping name: Flammable Liquid N.O.S.
Transport hazard class(es): 3
Packing group, if applicable: II
Environmental hazards (e.g., Marine pollutant (Yes/No)): N/A
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): N/A
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises: N/A

SECTION 15: Regulatory information

RQ (REPORTABLE QUANTITY) 49CFR 172.101: None
TSCA (Toxic Substances Control Act) Status: The intentional ingredients of this product are listed.
CERCLA RQ - 40CFR 302.4: None
SARA 302 COMPONENTS - 40CFR 355 Appendix A: None
SECTION 311/312 HAZARD CLASS - 40CFR 370.2
Immediate (X) Reactive ()
Delayed (X) Sudden Release of Pressure ()



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Fire (X)

SARA 313 COMPONENTS - 40CFR 372.65:: None

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

Ingredient Max. % By Wt. LD50 LC50

n-Heptane 142-82-5 >85 Intravenous Rat - 222mg/kg Inhal Rat - 103gm/m3/4H

Denatured Alcohol Mixture <15 Not Available Not Available

CALIFORNIA PROPOSITION 65: None

SECTION 16: Other information

The information in this Safety Sheet was obtained from sources which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT. This safety sheet was prepared and is to be used only for this product. If the product is used as a component in another product, this safety sheet information may not be applicable.