

# DRY CLEANER SDS

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

Product Name on Label: PROFESSIONALS CHOICE DRY CLEANER

Other Identification: NONE

Use of the substance/mixture: SOLVENT 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

**GHS Classification** Combustible liquid and vapor.

Asp. Tox. 1, Eye Irrit. 2B, Flam. Liq. 4, Skin Irrit. 2, STOT SE 3 NE

**Symbol(s) of Product**



**Signal Word** Danger

### GHS HAZARD STATEMENTS

Flammable liquid, category 4 H227 Combustible liquid

Aspiration Hazard, category 1 H304 May be fatal if swallowed and enters airways.

Skin Irritation, category 2 H315 Causes skin irritation.

Eye Irritation, category 2B H320 Causes eye irritation

STOT, single exposure, category 3, NE H336 May cause drowsiness or dizziness.

## SECTION 3: Composition/information on ingredients

NAME	PRODUCT IDENTIFIER	% BY WT
Aliphatic hydrocarbon	64742-47-8	85-90
Xylene	1330-20-7	10-15
Ethylbenzene	100-41-4	1-2

## SECTION 4: First aid measures

**EYE CONTACT:** Remove contact lenses if worn. Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

**SKIN CONTACT:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse.

**INHALATION:** Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. To prevent aspiration, keep head below knees.

**INGESTION:** Do not induce vomiting. Do not give liquids. Obtain emergency medical attention.

## SECTION 5: Fire-fighting measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Combustible liquid and vapor. Vapors/dust may cause flash fire or explosion. Vapors can travel to a source of ignition and flash back. Empty containers retain

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product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

**SPECIAL FIREFIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Water spray to cool containers or protect personnel. Use with caution. Avoid use of solid water streams. Water spray and foam must be applied carefully to avoid frothing. Use water spray to knock down vapors. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

## SECTION 6: Accidental release measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Use water mist or spray to disperse vapors. Stay upwind of spill. Ventilate spill area. Collect spilled materials for disposal. Wear appropriate personal protective equipment.

## SECTION 7: Handling and storage

**HANDLING:** Use only in a well-ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Material accumulates static charge (ignition source). When transferring, follow proper grounding procedures. Do not load into compartments adjacent to heated cargo. Use explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all SDS/label precautions even after containers are emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor, fumes or mist.

**STORAGE:** Keep away from heat, sparks, and flame. Keep container closed when not in use. Store containers in a cool, well ventilated place. Static Discharge, materials can accumulate static charges which can cause an incendiary electrical discharge. Material is a static accumulator which has the potential of forming ignitable vapor-air mixtures in storage tanks.

## SECTION 8: Exposure controls/personal protection

### Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Aliphatic hydrocarbon	179 ppm	N.D.	500 ppm	N.D.
Xylene	100 ppm	150 ppm	100 ppm	N.D.
Ethylbenzene	100ppm	125ppm	100ppm	N.D.

### Personal Protection

**RESPIRATORY PROTECTION:** A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**SKIN PROTECTION:** Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. Wear protective gear as needed - apron, suit, boots. Wear impervious protective gloves.

**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.

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**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**HYGENIC PRACTICES:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Avoid breathing vapors. Do not eat, drink, or smoke in areas where this material is used.

## SECTION 9: Physical and chemical properties

**Appearance:** Clear, transparent liquid

**Odor:** Typical

**Density, g/cm<sup>3</sup>:** 0.799

**Freeze Point, °F:** N.D.

**Solubility in Water:** Insoluble

**Boiling Range, °F:** 374 - 401

**Evaporation Rate:** N.D.

**Vapor Density:** 5.1 (air=1)

**Physical State:** Liquid

**Odor Threshold:** N.D.

**pH:** N.D.

**Viscosity:** N.D.

**Explosive Limits, vol%:** 0.8 - 6.0

**Flash Point, °F:** 142

**Auto-ignition Temp., °F:** N.D.

**Vapor Pressure:** N.D.

## SECTION 10: Stability and reactivity

**STABILITY:** No Information

**CONDITIONS TO AVOID:** Avoid impact, friction, heat, sparks, flame and source of ignition.

**INCOMPATIBILITY:** Keep away from acids. Prevent contact with strong oxidizing agents. Keep separate from alkalis.

**HAZARDOUS DECOMPOSITION PRODUCTS:** During combustion carbon monoxide may be formed.

During combustion carbon dioxide may be formed. During combustion asphyxiants may be formed.

**HAZARDOUS POLYMERIZATION:** No Information.

## SECTION 11: Toxicological information

**EFFECTS OF OVEREXPOSURE - INHALATION:** Causes delayed lung injury. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, light-headedness, and stupor (CNS depression). Harmful if inhaled. Danger of serious damage to health by prolonged exposure through inhalation. May be irritating to the respiratory system. May cause dizziness and drowsiness. Overexposure may cause upper respiratory tract irritation, headaches, cyanosis, blood serum changes, central nervous system damage and narcosis.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product.

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Contact with the eye may cause irritation. May cause symptoms that include stinging, tearing, redness and swelling.

**EFFECTS OF OVEREXPOSURE - INGESTION:** This material may be harmful or fatal if swallowed. Harmful or fatal if liquid is aspirated into lungs. Can be readily absorbed by the stomach and intestinal tract. Symptoms include burning sensation of the mouth and esophagus, nausea, vomiting, diarrhea, dizziness, staggering gait, drowsiness, loss of consciousness and delirium as well as additional central nervous system effects. Ingestion may cause gastrointestinal tract irritation.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** May cause delayed lung damage. Overexposure may cause nervous system damage. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, skin, and/or eyes. Possible brain damage from overexposure. Suspect cancer hazard. The International Agency for Research on Cancer has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for

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carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Very high exposure (confined spaces/abuse) to light hydrocarbons may result in abnormal heart rhythm. May cause target organ damage.

**Primary Route(s) of Entry: Eye Contact, Ingestion, Inhalation, Skin Contact**

**The acute effects of this product have not been tested. Data on individual components are tabulated below:**

CAS-No.	Name according to EEC	Oral LD50, mg/kg	Dermal LD50, mg/kg	Vapor LC50, mg/L
64742-47-8	Aliphatic hydrocarbon	>5,000	>2,000	>20.0

## SECTION 12: Ecological information

**ECOLOGICAL INFORMATION:** No Information

## SECTION 13: Disposal considerations

**Always dispose of any waste in accordance with all local, state, and federal regulations.**

**DISPOSAL METHOD:** Dispose of waste in accordance with all local, state and federal regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Use water mist or spray to disperse vapors. Stay upwind of spill. Ventilate spill area. Collect spilled materials for disposal. Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.)

## SECTION 14: Transport information

**DOT Proper Shipping Name:** Petroleum distillates, n.o.s. (naphtha solvents) - Combustible Liquid

**Packing Group:** III

**DOT Hazard Class:** No Information **Hazard SubClass:** No Information

**DOT UN/NA Number:** UN1268 **Resp. Guide Page:** 128

## SECTION 15: Regulatory information

**U.S. Federal Regulations:**

**CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.
Xylene	1330-20-7
Ethylbenzene	100-41-4

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: No TSCA components exist in this product.

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## **U.S. State Regulations:**

### **NEW JERSEY RIGHT-TO-KNOW:**

The following materials are non-hazardous, but are among the top five components in this product. No NJ Right-To-Know components exist in this product.

### **PENNSYLVANIA RIGHT-TO-KNOW**

The following non-hazardous ingredients are present in the product are at or greater than 3%. No PA Right-To-Know components exist in this product.

### **CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer: No Proposition 65 Carcinogens exist in this product.

### **CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards. No Proposition 65 Reproductive Toxins exist in this product.

### **International Regulations: As follows -**

**CANADIAN WHMIS:** This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

## **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.