



# MORCUT 60 DP SDS

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

Product Name on Label: MOORE FLO MORCUT 60 DP  
 Other Identification: NONE  
 Use of the substance/mixture: LUBRICANT FOR CUTTING MACHINES  
 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

Signal Word – DANGER

Hazard Statements

May cause skin and eye irritation.

May be fatal if swallowed and enters airways.

Precautionary Statements

Wear protective gloves/protective clothing/eye protection/face protection

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

Store locked up. Dispose of contents/container to an approved waste disposal unit.

Carcinogenicity:

IARC – No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH – No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA – No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP – No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.



## SECTION 3: Composition/information on ingredients

Mixture:

| Name   | CAS        | Percent |
|--|------------|---------|
| Lubricating oils Petroleum, hydrotreated spent | 64742-58-1 | 30-34   |
| Residual oils Bright stock solvent-dewaxed     | 64742-62-7 | 30-34   |
| Distillates (petroleum), hydrotreated light    | 64742-47-8 | 64-67   |
| Chlorinated Alkanes Chain Length 14-17         | 61788-76-9 | 2-3     |

## SECTION 4: First aid measures

**INHALATION** Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if breathing difficulty persists.

**EYE CONTACT** If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. If symptoms persist get medical attention.



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**SKIN CONTACT** Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists.

**INGESTION** If ingested, dilute stomach contents with two glasses of milk or water. (NOTE: DO NOT give anything by mouth to an unconscious person) DO NOT induce vomiting! Aspiration of product into lungs may cause pneumonitis which can be a dangerous condition. If vomiting occurs keep airway clear. If symptoms persist seek medical assistance.

## SECTION 5: Fire-fighting measures

**FIRE FIGHTING INSTRUCTIONS:** Keep storage containers cool with water spray. A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

**EXTINGUISHING MEDIA:** In accordance with NFPA guidance, dry Chemical, foam or CO2 fire extinguishers are all acceptable. While water fog extinguishers are also acceptable, DO NOT apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

## SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Material can create slippery conditions.

**Environmental precautions:** Should not be released into the environment. Do not allow uncontrolled discharge of product into the environment.

**Methods and materials for containment and cleaning up:** Prevent further leakage or spillage if safe to do so. Remove all sources of ignition. Soak up with inert absorbent material. Non-sparking tools should be used. Ensure adequate ventilation. Contact the proper local authorities.

**IF MATERIAL IS RELEASED OR SPILLED:** Contain spill and transfer to suitable containers. Stop leak if you can do it without risk. **Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal. **Large Spills:** Dike far ahead of spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

## SECTION 7: Handling and storage

**HANDLING:** Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools and explosion-proof equipment. When transferring product, storage tanks, tanker trucks, and rail tank cars should be grounded and bonded. These products have a low vapor pressure and are not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting, or heating these products, do not breathe vapor or mist Use in a well-ventilated area. Avoid contact with eyes, skin, clothing and shoes.

**SHIPPING AND STORING:** Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain residue and can be dangerous.

## SECTION 8: Exposure controls/personal protection

**ENGINEERING CONTROLS:** Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use



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process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

## PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** Good general ventilation and/or local exhaust ventilation at the point of generation is recommended. Use NIOSH-certified, air-purifying respirators with combination P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits providing that the respirator’s maximum use concentration is not exceeded. Consult an Industrial Hygienist for respirator selection guidance. Protection provided by air-purifying respirators is limited.

**EYE PROTECTION:** Wearing chemical goggles is recommended. Contact lens use is not recommended without eye protection.

**SKIN PROTECTION:** No skin protection is normally required. Where prolonged or repeated skin contact is likely, wear neoprene, nitrile (4 mil minimum) PVC (polyvinyl chloride) or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended.

When products are heated and skin contact is likely, wear heat-insulating gloves, boots, and other protective clothing. To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant face shield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

**PERSONAL HYGIENE:** Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard leather articles, such as shoes, saturated with these products.

**OTHER PROTECTIVE EQUIPMENT:** Where spills and splashes are likely, facilities storing or using these products should be equipped with emergency eyewash equipped with clean water in the immediate work area.

## SECTION 9: Physical and chemical properties

This Product contains no Carcinogens

|  |                                    |
|--|------------------------------------|
| PHYSICAL STATE, APPEARANCE & ODOR:       | Liquid, amber, petroleum odor      |
| ODOR THRESHOLD:                          | Not available                      |
| MOLECULAR WEIGHT:                        | Not available                      |
| SPECIFIC GRAVITY: .                      | .880 (approximately)               |
| DENSITY:                                 | Not available                      |
| VAPOR DENSITY:                           | Not available                      |
| VAPOR PRESSURE:                          | Not available                      |
| BOILING POINT:                           | Not available                      |
| FREEZING/MELTING POINT:                  | Not available                      |
| pH:                                      | Not available                      |
| EVAPORATION RATE:                        | Not available                      |
| SOLUBILITY IN WATER:                     | Insoluble                          |
| FLASH POINT:                             | 300 F (minimum) Cleveland Open Cup |
| FLAMMABLE LIMITS IN AIR:                 |                                    |
| LOWER: Not available                     | UPPER: Not available               |
| AUTOIGNITION TEMPERATURE: Not available. |                                    |

## SECTION 10: Stability and reactivity

**Reactivity:** Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.

**Chemical stability:** Stable under normal temperatures and pressures.



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Possibility of hazardous reactions: Avoid oxidizing agents, acids, or reactive halogens.

Conditions to avoid (e.g., static discharge, shock, or vibration): Avoid heat, sparks, or flame.

Incompatible materials: Avoid oxidizing agents, acids, or reactive halogens.

Hazardous decomposition products: Thermal decomposition products are dependent on combustion conditions. A complex mixture of airborne solid, liquid particulates and gasses may evolve when the material burns. Combustion by products may include: oxides of carbon, incompletely burned hydrocarbons as fumes and smoke.

## SECTION 11: Toxicological information

### POTENTIAL ACUTE HEALTH EFFECTS:

Eye: Contact with eyes may cause slight irritation.

Skin: Excessive skin contact may cause slight irritation.

Ingestion: Swallowing small amounts are not likely to cause injury.

Inhalation: Inhalation may be irritating to respiratory tract.

### Components:

distillates (petroleum), hydrotreated light: Acute oral toxicity: LD50 (Rat): > 2,000 mg/kg

Acute inhalation toxicity: LC50 (Rat): 4.1 mg/l Exposure time: 4 h

Acute dermal toxicity: LD50 (Rabbit): > 5,000 mg/kg

SENSITIZATION: Based on best current information, there is no known human sensitization associated with these products.

MUTAGENICITY: Experimental evidence suggests that these products do not cause mutagenesis.

CARCINOGENICITY: Based on best current information, for the components listed in Section 2, there is no known carcinogenicity as regulated by OSHA; as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1 Group 2A, or Group 2B agents; or as listed by NTP as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals. Also see Section 13: California

REPRODUCTIVE TOXICITY: Based on best current information, there is no known reproductive toxicity associated with these products. Also see Section 13: California

TERATOGENICITY: Based on best current information, there is no known teratogenicity associated with these products.

TOXICOLOGICALLY SYNERGISTIC PRODUCT(S): Based on best current information, there are no known toxicologically synergistic products associated with these products.

## SECTION 12: Ecological information

Eco-toxicity (aquatic and terrestrial, where available):

Product – N/A

Components – distillates (petroleum), hydrotreated light Toxicity to fish: NOEC (Fish): 0.083 mg/l

Exposure time: 14 h

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

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.



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## SECTION 14: Transport information

UN number: NONE

UN proper shipping name: N/A

Transport hazard class(es): NONE

Packing group, if applicable: N/A

Environmental hazards (e.g., Marine pollutant (Yes/No)): NO

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

SARA SECTION 313 - THIS PRODUCTS CONTAINS NONE OF THE SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986(SARA)AND 40 CFR PART 372.

SARA SECTION 311 - THESE PRODUCTS POSE THE FOLLOWING HEALTH HAZARDS AS DEFINED IN 40 CFR PART 370 AND ARE SUBJECT TO THE REQUIREMENTS OF SECTIONS 311 AND 312 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) Releases of this product into leading or leading to surface waters must be reported to the National Response Center 1-800-424-8802 CERCLA

Any components listed below have been assigned a reportable quantity by the federal EPA. Releases of the product into the environment that exceed the RQ for a particular component must be reported to the National Response Center 1-800-424-8802

TSCA ALL THE COMPONENTS OF THESE PRODUCTS ARE LISTED ON THE TSCA INVENTORY.

## 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.