

AIROSOL COMPANY, INC.

1206 Illinois

Phone 620-325-2666

Neodesha KS 66757

SAFETY DATA SHEET

SECTION I - MANUFACTURER IDENTIFICATION

PRODUCT NAME: **McKay Power Steering Fluid**

PRODUCT NUMBER: **50504**

CAS NUMBER: Mixture See Section 3.

PRODUCT FAMILY: Power Steering Fluid

Medical Emergency: 1-800-633-9576 (8AM-5PM central time)

INFOTRAC: 1-800-535-5053

SECTION 2 - HAZARD IDENTIFICATION



EMERGENCY OVERVIEW:

ASPIRATION HAZARD—Category 1

DANGER

May be fatal if swallowed and enters airways.

Store Locked up.

Dispose of contents and container in accordance with all local, regional, national, and international regulations.

IMMEDIATE HEALTH EFFECTS

Eye: Not expected to cause prolonged or significant eye irritation.

Skin: Defatting of skin.

Ingestion: Harmful if swallowed. ASPIRATION HAZARD. May be fatal if swallowed and enters airways. Adverse symptoms may include the following: nausea or vomiting.

Inhalation: Not expected to be harmful if inhaled. Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing.

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Distillates, Hydrotreated, Heavy Naphthenic	64741-88-4, 64741-89-5 64742-52-5	93.00-99.00 %Weight
Additives	Mixture	1.00-7.00 %Weight

The BASE OIL may be a mixture of the following: CAS 64741884, CAS 64741895, CAS 64741964, CAS 64741975, CAS 64742014, CAS 64742525, CAS 64742536, CAS 64742547, CAS 64742558, CAS 64742570, and CAS 64742627.

The ADDITIVES are a mixture of confidential ingredients permitted by 29 CFR 1910.1200 and various State Right to Know Laws. IN the event of medical emergency, specific chemical information will be disclosed to a treating physician or nurse.

SECTION 4 - FIRST AID MEASURES

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If spontaneous vomiting is about to occur, place victims head between their knees to prevent aspiration. Call a physician or transport to an emergency facility immediately.

IF IN EYES: Rinse cautiously with water for several minutes. Lift upper and lower eyelids to ensure proper rinsing. Get medical attention if irritation persists.

IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing and launder it before reuse. Should any irritation persist, get medical attention.

IF INHALED: Increase fresh air circulation or leave area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get immediate medical attention.

PRODUCT NAME: McKay Power Steering Fluid
PRODUCT CODE: 50504

SECTION 5 - FIRE FIGHTING MEASURES

FIRE CLASSIFICATION

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

FLAMMABLE PROPERTIES:

Flashpoint: 332.6 °F (167C) (Min) Cleveland Open Cup

Autoignition: NDA

Flammability (Explosive) Limit (%by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA:

Do not use water jet. Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form oxides of: Sulfur, Phosphorus.

SECTION 6 - ACCIDENTAL RELEASE INFORMATION

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

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.

SECTION 7 – HANDLING AND STORAGE

Precautionary Measures: DO NOT USE IN HIGH PRESSURE SYSTEMS in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed. Keep out of reach of children.

General Handling Information: Avoid Contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice or Static Electricity', and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, 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. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section III), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

PRODUCT NAME: McKay Power Steering Fluid
PRODUCT CODE: 50504

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT (CONTINUED)

Special Note: Do not use in breathing air apparatus or medical equipment.

ENGINEERING CONTROLS:

Use in a well-ventilated area.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: 4H (PE/EVAL), Nitrile Rubber, Silver Shield, and Viton.

Respiratory Protection: No respiratory protection is normally required.

If user operations generate an oil mist, determine if airborne concentrations are below occupational exposure limit for mineral oil mist. If not, wear an approved respirator that provides adequate protection from measured concentrations of this material. For air-purifying respirators use a particulate cartridge. Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

Occupational Exposure Limits:

Component	Agency	TWA	STEL	Ceiling	Notation
Highly refined mineral oil (C15-C50)	ACGIH	5mg/m3	10mg/m3		Inhalable fraction
Highly refined mineral oil (C15-C50)	OSHA PEL	5mg/m3			
Highly refined mineral oil (C15-C50)	NIOSH REL	5 mg/m3 10 h	10 mg/m3 15 min		Mist

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Appearance and Odor: Straw colored oily liquid.

PH: NA

Vapor Pressure: <0.01 mmHg @ 100 °F

Vapor Density (Air= 1) : >1

Boiling Point: 404.6 to 1382 °F (207-750 C) (Min)

Solubility: Soluble in hydrocarbons; insoluble in water

Freezing Point: NA

Melting Point: NA

Specific Gravity: 0.85 @ 15.6 °C/15.6 °C

Viscosity: 18.7 cSt @ 40 °C (104 °F)

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Incompatibility with Other Materials: No specific data...

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS:

Eye Irritation: The eye irritation hazard is based on evaluation of data similar for materials of product components.

Skin Irritation: The skin irritation hazard is based on evaluation of data for similar materials of product components.

Skin Sensitization: No product toxicology data available.

Acute Dermal Toxicity: The acute dermal toxicity hazard is based on evaluation of data similar materials or product components.

Acute Oral Toxicity: The acute oral toxicity hazard is based on evaluation of data similar materials or product components.

Acute Inhalation Toxicity: The acute inhalation toxicity hazard is based on evaluation of data similar materials or product components.

ADDITIONAL TOXICOLOGY INFORMATION:

This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard

PRODUCT NAME: McKay Power Steering Fluid
PRODUCT CODE: 50504

SECTION 11 – TOXICOLOGICAL INFORMATION (continued)

Acute Toxicity: LD50 Oral Rat >5000 mg/kg
Sensitization: Not available.
Mutagenicity: Not available.
Carcinogenicity: Not available.
Teratogenicity: Not available.
Specific target organ toxicity (single exposure): Not available.
Specific target organ toxicity (repeated exposure): Not available.
Aspiration Hazard: Category 1---ASPIRATION HAZARD.
Likely routes of exposure: Not available
Potential Acute health effects
 Eye Contact: No known significant effects or critical hazards.
 Inhalation: No known significant effects or critical hazards.
 Skin Contact: No known significant effects or critical hazards.
 Ingestion: May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical, and toxicological characteristics

 Eye contact: No specific data.
 Inhalation: No specific data.
 Skin Contact: No specific data.
 Ingestion: Adverse symptoms may include nausea or vomiting.

Delayed and immediate effects and also chronic effects from short and long term exposure:

 Short term exposure:
 Immediate effects: Not available.
 Delayed effects: Not available.
 Long term exposure:
 Immediate effects: Not available.
 Delayed effects: Not available.

Potential chronic health effects: Not available.

General: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental effects: No known significant effects or critical hazards.
Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity, acute toxicity estimates: Not available.

SECTION 12 – ECOLOGICAL INFORMATION

EXOTOXICITY

The toxicity of the material to aquatic organisms has not been evaluated. Consequently, the material should be kept out of sewage and drainage systems and all bodies of water

ENVIRONMENTAL FATE

This material is not expected to be readily biodegradable.

SECTION 13 –DISPOSAL INFORMATION

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

PRODUCT NAME: McKay Power Steering Fluid
PRODUCT CODE: 50504

SECTION 14: TRANSPORT INFORMATION

DOT STATUS: This material not regulated by the U.S. Department of Transportation (DOT).

PETROLEUM, OIL, GREASE & RELATED PRODUCTS NON-HAZARDOUS NOT REGULATED

SECTION 15: REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: Listed

311/312 HAZARD CATEGORIES:

Fire Hazard: YES Pressure Hazard: NO Reactivity Hazard: NO Immediate Hazard: NO Delayed Hazard: NO

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III:

CHEMICAL	CAS NUMBER	CONCENTRATION %
----------	------------	-----------------

None Listed

FEDERAL EPA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA)

requires the notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (rqs) in 40 CFR 302.4.

CHEMICAL	CAS NUMBER	CONCENTRATION % UPPER BOUND	RQs IN #s
----------	------------	-----------------------------	-----------

None Listed

CALIFORNIA PROPOSITION 65 None listed

MASSACHUSETTS RIGHT TO KNOW: No

PENNSYLVANIA RIGHT TO KNOW: No

NEW JERSEY RIGHT TO KNOW: No

NEW YORK RIGHT TO KNOW: No

SECTION 16: OTHER INFORMATION

REVISION INFORMATION

VERSION NUMBER: 1.0005 (Revised format, original 6/15/2000)

REVISION DATE: 1/16/2003, 11/14/2005, 3/26/2009, 5/26/2015

PRINT DATE:

ABBREVIATIONS:

N/A: Not Applicable

N/D: Not Determined

NE: Not Established

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists
Administration

OSHA: Occupational Safety and Health

HMIS: Hazardous Materials Information System NFPA: National Fire Protection Association EPA: US

Environmental Protection Agency NIOSH: National institute of Occupational Safety and Health

DISCLAIMER OF LIABILITY:

NOTE: THE INFORMATION IN THIS DOCUMENT IS BELIEVED TO BE CORRECT AS OF THE DATE ISSUED. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. THIS INFORMATION AND PRODUCT ARE FURNISHED "AS IS" AND ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE THEIR OWN DETERMINATION AS TO THE SUITABILITY OF THE PRODUCT FOR THEIR PARTICULAR PURPOSE AND ON THE CONDITION THAT THEY ASSUME THE RISK OF THEIR USE THEREOF.

