

SAFETY DATA SHEET

MILESYN SXR HD 5W40 CJ-4



Section 1 – Identification

1.1 Product Identifiers:

Product Name: MILESYN SXR HD 5W40 CJ-4

1.2 Product Usage:

Recommended Usage: Heavy Duty Engine Oil

Restricted Usage: Not intended for any other usage

1.3 Emergency Support:

CHEMTREC

United States +1(800) 424-9300

International +01 (703) 527-3887

1.4 Supplier Information:

MILES LUBRICANTS LLC
66 Marine St. Farmingdale, NY 11735
United States
Phone: 877-683-8086
Fax: 631-229-8000
Email :support@mileslubricants.com

www.MilesLubricants.com

Section 2 - Composition / Information on Ingredients

OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Emergency overview: CAUTION!

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE.

Slightly irritating to the eyes, skin and respiratory system. Defatting to the skin. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not ingest. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling.

Routes of entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Inhalation: Slightly irritating to the respiratory system.

Ingestion: Aspiration hazard if swallowed. Can enter lungs and cause damage.

Skin: Slightly irritating to the skin.

Eyes: Slightly irritating to the eyes.

Potential chronic health effects

Chronic effects: Prolonged or repeated contact can defect the skin and lead to irritation, cracking and/or dermatitis

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.

Over-exposure signs/symptoms

Inhalation: Adverse symptoms may include the following: respiratory tract irritation coughing

Ingestion: Adverse symptoms may include the following: nausea or vomiting

Skin: Adverse symptoms may include the following: irritation, redness, dryness, cracking.

Eyes: Adverse symptoms may include the following: irritation, watering, redness

Medical conditions aggravated by overexposure: None known.

Section 3 - Hazards Identification

Chemical Name	CAS #	%Weight
Zinc Alkyldithiophosphate	68649-42-3	1 - 5

The Base Oil may contains one or more of the following ingredients: 61788-76-9, 64741-88-4, 64742-01-4, 64742-65-0, 64742-89-5, 64742-48-9, 64742-52-5, 64742-54-7, and 64742-56-3

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 - First Aid Measures

First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get Medical Attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Maintain an open airway. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. get medical attention if symptoms occur.

Symptoms & Effects

To Physician: Treat symptomatically. Contact poison specialist if product has been ingested.

Specific Treatment: No Specific Treatment.

Medical Attention

Protection of First Aiders: No action should be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Note to Doctor: Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

Section 5 - Fire Fighting

Extinguishing Media

Suitable Media & Unsuitable Media: CO₂, Dry chemical, or Foam. Water can be used to cool and protect product. Do not use water jet as an extinguisher, it will spread the fire.

Specific hazards arising from this product: No specific data.

Firefighters Advice

Special protective equipment: Fire Equipment Information: Fire-fighters should wear appropriate protective equipment and set contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment

General Measures: No health affects expect from the cleanup of this material if contact can be avoided. Follow personal protect equipment recommendations found in section 8 of this SDS.

Environmental Precautions

Non-Emergency Personnel: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform authorities if the product has caused environmental pollution Water Polluting. Material may be harmful to the environment if released in large quantities.

Materials & Methods to Contain and Cleanup

Spill Control Measures: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

Containment and Cleanup: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages with noncombustible, absorbent material e.g. sand earth vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via licensed waste disposal contractor. Contaminated absorbent material may pose the same threat hazard as the spilled product.

Section 7 - Handling & Storage

Handling

Personal Protective Equipment: Put on appropriate personal protective equipment (see section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, keep lid tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Specific End Use

Designed Purpose: This product is designed for use as a Heavy Duty Engine Oil.

Section 8 - Exposure Control

United States Exposure Limits

Product name Exposure limits

Base Oils. ACGIH TLV (United States).TWA: 5 mg/m³ 8 hour(s).
 OSHA PEL 1989 (United States).TWA: 5 mg/m³ 8 hour(s).

Exposure Controls

Engineering Controls: Material should be handled in enclosed vessels and equipment, in which case general room ventilation should be sufficient. Local exhaust ventilation should be used at points where dust, mist, vapors or gases can escape into the room air. No special requirements under ordinary conditions of use and with adequate ventilation.

Environmental Exposure Controls: General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.

Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Eye / Face Protection: If contact is likely, safety glasses with side shields are recommended.

Skin / Hand Protection: Butyl rubber. Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water. Use caution when opening man way covers of storage and transportation containers. 3-nitroaniline crystals may be present on the interior surface of these openings. 3-nitroaniline is toxic by dermal exposure.

Respiratory Protection: Use a properly fitted air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this a necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9 - Physical & Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical state :	Liquid
Color :	Amber(dark)
Odor :	Characteristic of Petroleum
Odor threshold :	No Data Available
pH :	No Data Available
Freezing Point :	No Data Available
Boiling Point / Range :	No Data Available
Flash Point COC :	-
Evaporation rate: :	No Data Available
Upper Explosive Limits (% air) :	No Data Available
Lower Explosive Limits (% air) :	No Data Available
Flammability (solid, gas) :	Not Applicable
Vapor pressure :	<0.13 kPa (<1 mm Hg)
Vapor density (air=1) :	> 1
Relative Density :	0.87 @ 15.6°C
Auto-ignition temperature :	Not Determined
Decomposition temperature :	Not Determined
Solubility in water :	Insoluble in the following materials: cold water and hot water.
Partition coefficient, n-octanol/water :	No Data Available
Viscosity @ 40C :	-
Viscosity @ 100C:	-

Section 10 - Stability & Reactivity

Stability: The product is stable.

Conditions to avoid: No specific data.

Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

Materials to avoid: Reactive or incompatible with the following materials: oxidizing materials.

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

Section 11 - Toxicological Information

Acute toxicity

Inhalation: Slightly irritating to the respiratory system.

Ingestion: Aspiration hazard if swallowed. Can enter lungs and cause damage.

Skin: Slightly irritating to the skin.

Eyes: Slightly irritating to the eyes.

Section 12 - Ecological Information

Environmental effects: No known significant effects or critical hazards.

Section 13 - Disposal Considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14 - Transportation Information

AERG: Not applicable.

Regulatory information DOT/ IMDG/ IATA: Not regulated.

Section 15 - Regulatory Information

United States

HCS Classification: Not regulated.

U.S. Federal regulations:

TSCA 4(a) final test rules

TSCA 8(a) PAIR: Phenol,(tetrapropenyl) derivs; Zinc Alkyldithiophosphate;Diphenylamine
United States inventory (TSCA 8b): All components are listed or exempted.

TSCA 8(d) H and S data reporting: Zinc Alkyldithiophosphate: 2006

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Water Act (CWA) 307: Zinc Alkyldithiophosphate

Clean Water Act (CWA) 311 : No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

State regulations:

Connecticut Carcinogen Reporting: None of the components are listed.

Connecticut Hazardous Material Survey: None of the components are listed. Florida substances: None of the components are listed.

Illinois Chemical Safety Act: None of the components are listed.

Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.

Louisiana Reporting: None of the components are listed.

Louisiana Spill: None of the components are listed.

Massachusetts Spill: None of the components are listed.

Massachusetts Substances: The following components are listed: Base Oils.

Michigan Critical Material: None of the components are listed.

Minnesota Hazardous Substances: None of the components are listed.

New Jersey Hazardous Substances: The following components are listed: Zinc
Alkyldithiophosphate

New Jersey Spill: None of the components are listed.

New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.

New York Acutely Hazardous Substances: None of the components are listed. New

York Toxic Chemical Release Reporting: None of the components are listed.

Pennsylvania RTK Hazardous Substances: The following components are listed: Zinc
Alkyldithiophosphate

Rhode Island Hazardous Substances: None of the components are listed.

California Prop. 65: No products were found.

International regulations International lists:

This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

Section 16 - Other Information

Label requirements: MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. HARMFUL OR FATAL IF SWALLOWED. CAN ENTER LUNGS AND CAUSE DAMAGE.

Hazardous Material Information System (U.S.A.)

Health	2
Fire Hazard	1
Physical Hazard	0
Personal Protection	B

HAZARD RATINGS

4- Extreme

3- Serious

2- Moderate

1- Slight

0- Minimal

See section 8 for more detailed
information on personal protection.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection
Association (U.S.A.)**

HEALTH 2
FLAMMABILITY 1
INSTABILITY 0
SPECIAL -



References: ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet.
-29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous
Materials, UN#, Proper Shipping Names, PG.

Disclaimer: This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness.

Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

Internal Use: 3E9