

SAFETY DATA SHEET

MILES HYTEX-100



Section 1 – Identification

1.1 Product Identifiers: Product

Name: MILES HYTEX-100

1.2 Product Usage:

Recommended Usage: Anti-wear Hydraulic Fluid 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 - HAZARDS IDENTIFICATION

OSHA/HCS STATUS:

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

CLASSIFICATION(S):

Not Classified

SIGNAL WORD:

No Signal Word.

SYMBOL(S):

Hazard Rating	
	HMIS
Health:	0
Flammability:	1
Reactivity:	0
Personal Protection:	B

HAZARD STATEMENT(S):

No known significant effects or critical hazards.

PRECAUTIONARY STATEMENT(S):**GENERAL PRECAUTIONARY STATEMENT(S):**

Keep out of reach of children.

Read label before use.

Wash skin thoroughly after handling.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.

PREVENTION PRECAUTIONARY STATEMENT(S): Not applicable.

RESPONSE PRECAUTIONARY STATEMENT(S): Not applicable.

STORAGE PRECAUTIONARY STATEMENT(S):

Store in a dry place.

Store in a closed container.

DISPOSAL PRECAUTIONARY STATEMENT(S):

Dispose of contents/containers should be cleaned of residual product before disposal, and disposed of in accordance with all applicable laws and regulations.

OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION: No additional information available.

Section 3-Composition/Information On Ingredients

COMPONENT LISTING:

Chemical Name	%Weight	
Highly Refined Petroleum Base Oil	97 – 99%	Mixture
Additives	< 3%	Proprietary

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 and hence require reporting in this section.

Section 4 - First Aid Measures

4.1 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.

4.2 Symptoms & Effects

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

Specific Treatment: No Specific Treatment.

4.3 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

5.1 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.

5.2 Specific hazards arising from this product: When heated, hazardous gases may be released including: sulfur dioxide. A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. This material creates a special hazard because it floats on water. This material is harmful to aquatic life. Any fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

5.3 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

6.1 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.

6.2 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.

6.3 Materials & Methods to Contain and Cleanup: Reference Section 8: Follow all protective equipment recommendations provided in Section 8.

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

7.1 Safe 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.

7.2 Safe Storage

Required conditions: Odorous and toxic fumes may form from the decomposition of this product if stored at temperatures in excess of 113 deg F (45 deg C) for extended periods of time or if heat sources in excess of 250 deg F (121 deg C) are used. Store away from incompatible materials. See section 10 for incompatible materials.

7.3 Specific End Use

Designed Purpose: This product is designed for use as an Anti-wear Hydraulic Fluid.

Section 8 - Exposure Control

8.1 United States Exposure Limits

Material	Source	Type	mg/m3
Oil Mist, Mineral	ACGIH	TWA (Inhalable fraction.)	5 mg/m3
Oil Mist, Mineral	ACGIH	STEL(Mist.)	10 mg/m3
Oil Mist, Mineral	OSHA	TWA (Mist.)	5 mg/m3

8.2 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
Odor :	Characteristic of Petroleum
Flash Point :	470 ° F
Vapor pressure :	<1 mm Hg

Vapor density (air=1) :	> 1
Relative Density :	0.87
Auto-ignition temperature :	Not Determined
Viscosity @ 40C :	100 cst

Section 10 - Stability & Reactivity

STABILITY: Material is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with strong oxidizing agents.

DECOMPOSITION: In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

CONDITIONS TO AVOID: Excessive heat. Avoid all sources of ignition.

Section 11- Toxicological Information

GENERAL INFORMATION:

Based on data on the components and the toxicology of similar materials

ROUTES OF ENTRY:

Skin, Eyes, Ingestion, and Inhalation.

ACUTE EXPOSURE:

EYE IRRITATION:

Not expected to cause eye irritation. Based on data from components or similar materials.

Vapors may cause irritation.

SKIN IRRITATION:

Slightly irritating based on data from components or similar materials. Prolonged or repeated skin contact without proper hygiene may result in skin disorders such as acne.

RESPIRATORY IRRITATION:

Based on data from components and similar materials, Inhalation of vapors or mists may cause irritation.

DERMAL TOXICITY:

Expected to be of low toxicity: LD50 > 5000 mg/kg, Rabbit

ORAL TOXICITY:

Expected to be of low toxicity: LD50 > 5000 mg/kg , Rat

INHALATION TOXICITY:

Based on data from components and similar materials, product is not considered to be an inhalation hazard under normal conditions of use.

SENSITISATION: Component concentrations in this formulation would not be expected to cause skin sensitization, based on tests of the components or similar formulations.

CHRONIC EXPOSURE:**CHRONIC TOXICITY:**

No data available to indicate product or components present at greater than 1% are chronic health hazards.

CARCINOGENICITY:

Product contains mineral and/or synthetic oils shown to be no carcinogenic in laboratory studies with the same or similar materials. Mineral and synthetic oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC). Other components are not known to be associated with carcinogenic effects.

MUTAGENICITY:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

REPRODUCTIVE TOXICITY:

No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

TERATOGENICITY:

No data available to indicate either product or components present at greater than

0.1% that may cause birth defects.

ADDITIONAL INFORMATION:

No other health hazards known.

Section 12- Ecological Information

ENVIRONMENTAL HAZARDS:

Ecological Toxicity data has not been determined specifically for this product. The ecological toxicity hazard is based on an evaluation of data for the components or a similar material. This material is expected to be harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

ENVIRONMENTAL FATE

This material is not expected to be readily biodegradable. The biodegradability of this material is based on an evaluation of data for the components or a similar material. This product contains components which may be persistent in the environment.

Section 13- Disposal Considerations

WASTE DISPOSAL:

Avoid disposal into waste water treatment facilities. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. This product, if discarded, is not considered a hazardous waste.

Section 14- Transportation Information

PRODUCT LABEL: Maximum Performance Hydraulic Oil AW 100 D.O.T

SHIPPING: Not Regulated by DOT.

IMDG: This material is not classified as dangerous under IMDG regulations.

IATA: This material is not classified as dangerous under IATA regulations.

TRANSPORT CANADA: This material is not classified as dangerous under Transport Canada regulations.

Section 15 - Regulatory Information

REGULATORY LISTS SEARCHED:

01 = CANADIAN DISCLOSURE LIST
03 = TITLE V OF THE CLEAN AIR ACT
05 = SARA TITLE III - SECTION 313
07 = CA PROPOSITION 65
No information available.

02 = CERCLA Hazardous Substances
04 = SC Toxic Air Pollutants List
06 = SARA Title III - Section 312
08 = RCRA Hazardous Substances

Section 16 - Other Information

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