



1. Product and company identification

Product name Honilo 980

MSDS # 450908

Historic MSDS #: 05205

Code 450908-US03

Product use Metalworking fluid - neat.
For specific application advice see appropriate Technical Data Sheet or consult our company representative.

Manufacturer Castrol Industrial North America, Inc.
150 W. Warrenville Road
Naperville, IL 60563

Supplier Wakefield Canada, Limited
3620 Lakeshore Blvd West
Toronto, Ontario, Canada
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Product Information: +1-877-641-1600

EMERGENCY SPILL INFORMATION: 1 (613) 996-6666 CANUTEC (Canada)
1 (703) 527-3887 CHEMTREC (USA)

2. Hazards identification

Physical state Liquid.

Color Yellow. [Light]

Emergency overview CAUTION !
 MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
HARMFUL OR FATAL IF SWALLOWED.
CAN ENTER LUNGS AND CAUSE DAMAGE.
ASPIRATION HAZARD.
 Prolonged or repeated contact can defat the skin and lead to irritation and/or dermatitis.
Aspiration hazard if swallowed. Can enter lungs and cause damage. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Do not ingest. If ingested, do not induce vomiting. 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.

Potential health effects

Eyes May cause eye irritation.

Skin May cause skin irritation.

Inhalation May cause respiratory tract irritation.

Ingestion Aspiration hazard if swallowed. Can enter lungs and cause damage. Ingestion may cause gastrointestinal irritation and diarrhea.

See toxicological information (Section 11)

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Version 7	Date of issue 02/26/2016.	Format Canada
	(Canada)	Language ENGLISH
		(ENGLISH)

3. Composition/information on ingredients

Highly refined mineral oil and additives.

Ingredient name	CAS #	%
Distillates, petroleum, hydrotreated middle	64742-46-7	55 - 60
Distillates (Petroleum) hydrotreated light	64742-47-8	35 - 40

4. First aid measures

Eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
Skin contact	Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Notes to physician	Treatment should in general be symptomatic and directed to relieving any effects.

5. Fire-fighting measures

Flash point	Closed cup: 112.78°C (235°F) [Pensky-Martens.]
Fire/explosion hazards	In a fire or if heated, a pressure increase will occur and the container may burst.
Extinguishing media	
Suitable	Use an extinguishing agent suitable for the surrounding fire.
Not suitable	Do not use water jet.
Fire-fighting procedures	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Hazardous combustion products	Combustion products may include the following: carbon oxides (CO, CO ₂) (carbon monoxide, carbon dioxide)
Protective clothing (fire)	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods for cleaning up	
Large spill	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 into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Handling	Put on appropriate personal protective equipment (see Section 8). Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
Storage	Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). 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.

8. Exposure controls/personal protection

Occupational exposure limits

Ingredient name	Occupational exposure limits
Distillates, petroleum, hydrotreated middle	ACGIH (United States). TWA: 5 mg/m ³ 8 hours. Form: Oil mist, mineral OSHA (United States). TWA: 5 mg/m ³ 8 hours. Form: Oil mist, mineral
Distillates (Petroleum) hydrotreated light	CA British Columbia Provincial (Canada). Absorbed through skin. TWA: 200 mg/m ³ , (as total hydrocarbon vapour) 8 hours. Issued/Revised: 8/2004 CA Alberta Provincial (Canada). Absorbed through skin. 8 hrs OEL: 200 mg/m ³ , (as total hydrocarbon vapour) 8 hours. Issued/Revised: 7/2009 CA Ontario Provincial (Canada). Absorbed through skin. TWA: 200 mg/m ³ 8 hours. Issued/Revised: 1/2003

While specific OELs for certain components may be shown in this section, other components may be present in any mist, vapor or dust produced. Therefore, the specific OELs may not be applicable to the product as a whole and are provided for guidance only.

Control Measures	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Personal protection	
Eyes	Avoid contact with eyes. Safety glasses with side shields or chemical goggles.
Skin and body	Avoid contact with skin and clothing. Wear suitable protective clothing.
Respiratory	Use adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.
Hands	The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions. Consult your supervisor or Standard Operating Procedure (S.O.P) for special handling instructions.

9. Physical and chemical properties

Physical state	☑ Liquid.
Color	☑ Yellow. [Light]
Odor	☑ Mild.
Odor threshold	☑ Not available.
Flash point	☑ Closed cup: 112.78°C (235°F) [Pensky-Martens.]
Specific gravity	☑ Not available.
Density	☑ 1000 kg/m ³ (<1 g/cm ³) at 15°C
pH	☑ Not available.
Viscosity	☑ Kinematic: 4.2 mm ² /s (4.2 cSt) at 40°C
Boiling point / Range	☑ Not available.
Melting point / Range	☑ Not available.
Vapor pressure	☑ Not available.
Vapor density	☑ Not available.
Evaporation rate	☑ Not available.
Solubility	☑ Insoluble in water.
LogK _{ow}	☑ Not available.

10. Stability and reactivity

Stability and reactivity	☑ The product is stable.
Possibility of hazardous reactions	☑ Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	☑ High temperatures
Incompatibility with various substances	☑ 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.
Hazardous polymerization	☑ Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Other Toxicity Data	☑ Over exposure to vapors may result in headaches, dizziness, nausea.
Potential chronic health effects	
Carcinogenicity	☑ No known significant effects or critical hazards.
Mutagenicity	☑ No known significant effects or critical hazards.
Teratogenicity	☑ No known significant effects or critical hazards.
Fertility effects	☑ No known significant effects or critical hazards.
Reproductive effects	☑ No known significant effects or critical hazards.
Medical conditions aggravated by over-exposure	☑ None known.

12. Ecological information

Ecotoxicity

No testing has been performed by the manufacturer.

Persistence/degradability Expected to be biodegradable.

Mobility Non-volatile. Liquid. insoluble in water.

13. Disposal considerations

Waste information

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

NOTE: The generator of waste has the responsibility for proper waste identification (based on characteristic(s) or listing), transportation and disposal

14. Transport information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)

15. Regulatory information

WHMIS (Canada) Not controlled under WHMIS (Canada).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Other regulations

Canada inventory At least one component is not listed.

United States inventory (TSCA 8b) All components are listed or exempted.

REACH Status For the REACH status of this product please consult your company contact, as identified in Section 1.

Australia inventory (AICS) At least one component is not listed.

China inventory (IECSC) All components are listed or exempted.

Japan inventory (ENCS) Not determined.

Korea inventory (KECI) All components are listed or exempted.


Philippines inventory (PICCS) All components are listed or exempted.

Taiwan inventory (CSNN) Not determined.

16. Other information

Label requirements

 CAUTION !

 MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.
HARMFUL OR FATAL IF SWALLOWED.
CAN ENTER LUNGS AND CAUSE DAMAGE.
ASPIRATION HAZARD.

History

Date of issue

02/26/2016.

Date of previous issue

12/27/2013.

Prepared by

Product Stewardship

Key to abbreviations

Varies = may contain one or more of the following 101316-69-2, 101316-70-5, 101316-71-6, 101316-72-7, 64741-88-4, 64741-89-5, 64741-95-3, 64741-96-4, 64741-97-5, 64742-01-4, 64742-44-5, 64742-45-6, 64742-52-5, 64742-53-6, 64742-54-7, 64742-55-8, 64742-56-9, 64742-57-0, 64742-58-1, 64742-62-7, 64742-63-8, 64742-64-9, 64742-65-0, 64742-70-7, 72623-85-9, 72623-86-0, 72623-87-1, 74869-22-0, 90669-74-2

Notice to reader

 Indicates information that has changed from previously issued version.

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from BP Group.

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