

Dear Customer: This Bulletin contains important environmental, health and toxicology information for your employees who recently ordered this product. Please make sure this information is given to them. If you resell this product, this Bulletin should be given to the Buyer. This Form may be reproduced without permission.

Chevron U.S.A. Inc.

0005873

Material Safety Data Sheet

Prepared According to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
(Formerly Called MATERIAL INFORMATION BULLETIN)



CHEVRON Pearl Kerosene

MSDS # 13727 CPS 217105

DANGER! HARMFUL OR FATAL IF SWALLOWED
PROLONGED OR REPEATED CONTACT WITH SKIN CAN BE HARMFUL
MAY CAUSE SKIN IRRITATION
~~COMBUSTIBLE LIQUID~~
KEEP OUT OF REACH OF CHILDREN

TYPICAL COMPOSITION

Hydrotreated distillate (CAS 64742-47-8) 100%

EXPOSURE STANDARD

No Federal OSHA exposure standard or ACGIH TLV has been established for this material.

PHYSIOLOGICAL & HEALTH EFFECTS

Not expected to cause eye irritation. Application into the eyes of rabbits produced no signs of membrane irritation.

May cause skin irritation. Application onto the skin of rabbits produced moderate erythema and edema. The acute dermal LD₅₀ (rabbit) was 19.6 g/kg.

Prolonged breathing of high vapor concentrations can cause central nervous system effects. See Additional Health Data.

Not expected to have acute systemic toxicity by ingestion. The acute oral LD₅₀ (rat) was greater than 10 g/kg. Note to Physician: Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid which can cause pneumonitis. See Additional Health Data.

EMERGENCY & FIRST AID PROCEDURES

Eyes

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor.

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water. See a doctor if irritation occurs. Launder contaminated clothing.

Inhalation

If there are signs or symptoms due to breathing this material as described in this bulletin, move the person to fresh air. If any of these effects continue, see a doctor.

Ingestion

If swallowed, give water or milk to drink and telephone for medical advice. DO NOT make person vomit unless directed to do so by medical personnel. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

Chevron Environmental Care Center, Inc., P.O. Box 4094, Richmond, VA 23211-0094
Emergency Phone Number (415) 233-3737



ADDITIONAL HEALTH DATA

See Page 3.

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SPECIAL PROTECTIVE INFORMATION

Eye Protection: No special eye protection is necessary.

Skin Protection: Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves.

Respiratory Protection: This material may be an inhalation hazard and, unless ventilation is adequate, the use of an approved respirator is recommended.

Ventilation: Use this material only in well ventilated areas.

FIRE PROTECTION

Liquid evaporates and forms vapors (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F.

Flash Point: [REDACTED]

Autoignition Temp.: 260°C (500°F)

Flammability Limits: 0.9-6.0%

Extinguishing Media: CO₂, Dry Chemical, Foam, Water Fog.

Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire MSDS.

SPECIAL PRECAUTIONS

See Page 3.

ENVIRONMENTAL PROTECTION

Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills.

Precautions if Material is Released or Spilled: Eliminate all open flame in vicinity of spill or released vapor. Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Special Protective Information. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

Waste Disposal Methods: Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

REACTIVITY DATA

Stability (Thermal, Light, etc.): Stable.

Incompatibility (Materials to Avoid): May react with strong oxidizing materials.

Hazardous Decomposition Products: Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

Hazardous Polymerization: Will not occur.

PHYSICAL PROPERTIES

Solubility: Miscible with hydrocarbon solvents; insoluble in water.

Appearance (Color, Odor, etc.): Colorless liquid.

Boiling Point: 177-286°C (360-510°F) Range

Melting Point: n/a

Specific Gravity: 0.81 @ 15.6/15.6°C

Vapor Pressure: 1 mm Hg @ 77°F (25°C)

Vapor Density (Air=1): 5.7

Percent Volatile (Volume %): 99+

Evaporation: (Bu Ac=1) 0.03

Viscosity: 1.5 cSt @ 40°C

Freezing Point: -22°F (-30°C) Max.

n/a = Not Applicable

The above information is based on data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data may be periodically updated, we warrant only that the information was true and correct at the time it was furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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ADDITIONAL HEALTH DATA

Signs and symptoms of central nervous system effects may include one or more of the following: headache, dizziness, loss of appetite, weakness and loss of coordination. Affected persons usually experience complete recovery when removed from the exposure area.

This product contains a petroleum mid-distillate. Toxicology data from studies on similar hydrocarbon mid-distillates indicate that lifetime application to the skin of mice resulted in a low-level skin carcinogenicity response characterized by low tumor incidence and long latency.

Brief or intermittent skin contact with this product is not expected to produce any serious effects if it is washed from the skin. While normal handling of this product is not likely to cause cancer in humans, skin contact and breathing of mists, fumes or vapors should be reduced to a minimum. We strongly recommend that the precautions outlined in this MSDS be followed when handling this material.

SPECIAL PRECAUTIONS

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL

DO NOT USE OR STORE near flames, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed.

DO NOT weld, heat or drill container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid.

CAUTION! Do not use pressure to empty drum or explosion may result.

WARNING! DO NOT USE for heater or appliances indoors unless ventilation is provided for exhausting fumes to outside. Toxic fumes may accumulate and cause death. Read and follow all appliance warning .