

===== Product Identification =====

Product ID:UNLEADED GASOLINE

MSDS Date:05/31/1989

FSC:9130

NIIN:00-148-7103

MSDS Number: BKSHV

=== Responsible Party ===

Company Name:ASHLAND PETROLEUM CO DIV OF ASHLAND OIL INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Info Phone Num:606-329-3333

Emergency Phone Num:800-274-5263

CAGE:81355

=== Contractor

Identification ===

Company Name:ASHLAND INC

Address:1409 WINCHESTER AVE

Box:391

City:ASHLAND

State:KY

ZIP:41114

Country:US

Phone:800-622-6846

CAGE:81355

===== Composition/Information on Ingredients =====

Ingred Name:GASOLINE

CAS:8006-61-9

RTECS #:LX3300000

Fraction by Wt: >95%

OSHA PEL:300 PPM/500 STEL

ACGIH TLV:300 PPM/500STEL;9192

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 1-5%

OSHA PEL:1PPM/5STEL;1910.1028

ACGIH TLV:10 PPM; A2; 9192

EPA

Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:REPEATED OR PROLONGED EXPOSURE TO
BENZENE, EVEN AT RELATIVELY LOW CONCENTRATIONS, MAY RESULT IN
VARIOUS BLOOD DISORDERS RANGING FROM ANEMIA TO LEUKEMIA.
Explanation of Carcinogenicity:BENZENE IS LISTED BY ALL ABOVE AGENCIES
AS CARCINOGENIC.
Effects of Overexposure:EYE: MAY CAUSE SEVERE IRRITATION, REDNESS,
TEARING, BLURRED VISION; SKIN: PROLONGED CONTACT MAY CAUSE MODERATE
IRRITATION, DEFATTING, DERMATITIS; INHALE: NASAL AND RESPIRATORY
IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, ETC.; INGEST:
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, OR
ASPIRATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:SKIN: WASH WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING.
EYE: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER
LIDS OCCASIONALLY, GET MEDICAL ATTENTION. INHALATION: REMOVE TO
FRESH AIR. ADMINISTER OXYGEN IF NECESSARY. GIVE ARTIFICIAL
RESPIRATION IF BREATHING HAS STOPPED. INGESTION: DO NOT INDUCE
VOMITING. KEEP PERSON WARM, QUIET. GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash
Point:-40F/-40C
Lower Limits:1.5
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH A
FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN
FIGHTING FIRES.
Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY VOLATILE & READILY
GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND OR BE MOVED BY
VENTILATION & IGNITED BY PILOT LIGHTS, SPARKS, ETC.

===== Accidental Release Measure =====

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Spill Release Procedures:SMALL SPILL: ELEMIMATE ALL SOURCES OF IGNITION AND ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, ETC, AND TRANSFER TO HOOD. LARGE SPILL: ELEMIMATE IGNITION SOURCES. DIKE AREA TO CONTAIN. PUMP LIQUID TO SALVAGE TANK FOR LATER DISPOSAL. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & OPEN FLA ME. KEEP CONTAINERS CLOSED WHEN NOT IN USE. USE OR STORE ONLY WITH ADEQUATE VENTILATION.

Other Precautions:DO NOT TRANSFER TO UNLABELED CONTAINERS. DO NOT USE CUTTING OR WELDING TORCH ON THIS CONTAINER. KEEP OUT OF REACH OF THE CHILDREN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IF TLV IS EXCEEDED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL VENTILATION AND/OR LOCAL EXHAUST TO K EEP BELOW TLV.

Protective Gloves:NEOPRENE, NITRILE, RUBBER TYPES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:IMPERVIOUS CLOTHING AND BOOTS.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURRED.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:70F/21C

Vapor Pres:325 MMHG

Vapor Density:5.0

Spec Gravity:0.74

Evaporation Rate & Reference:SLOWER THAN ETHER

Appearance and Odor:CLEAR LIQUID.

Percent Volatiles by Volume:100 %

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Product

s:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations =====

Waste Disposal Methods:SMALL SPILL TO BE EVAPORATED IN HOOD. LARGE
SPILL TO BE DESTROYED BY LIQUID INCINERATION. ALL DISPOSAL MUST BE
IN ACCORDANCE WITH APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS.

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