

12AG



MATERIAL SAFETY DATA SHEET

("ESSENTIALLY SIMILAR" TO FORM OSHA-20)

DATE August, 1983

WHERE APPLICABLE, THIS PRODUCT HAS BEEN REPORTED FOR THE EPA'S CHEMICAL SUBSTANCE INVENTORY.

SECTION I - IDENTIFICATION OF PRODUCT			
MANUFACTURERS NAME PHILLIPS PETROLEUM COMPANY	EMERGENCY TELEPHONE NUMBERS	DURING BUSINESS HOURS (918) 661-3865	OUTSIDE BUSINESS HOURS (918) 661-8118
ADDRESS (NUMBER, STREET, CITY, STATE, & ZIP CODE) BARTLESVILLE, OK 74004	PRODUCT NO.		
TRADE NAME Gasoline, Regular	CHEMICAL NAME AND SYNONYMS		
CHEMICAL FAMILY Hydrocarbons	CHEMICAL FORMULA Mixture		
DOT SHIPPING NAME Gasoline	HAZARD CLASS Flammable Liquid	ID NUMBER UN 1203	

SECTION II - HAZARDOUS COMPONENTS OF MIXTURES			
INGREDIENTS	CAS NUMBER	% BY WT	THRESHOLD LIMIT VALUE (UNITS)
Mixed Aliphatic hydrocarbons		Variable	} 300 ppm
Mixed Aromatic hydrocarbons		Variable	
Contains tetraethyl lead as antiknock agent	78-00-2		0.05 mg/m ³

SECTION III - TYPICAL PHYSICAL DATA	
BOILING POINT (°F) 85-430 (27-221°C)	APPEARANCE AND ODOR Typical hydrocarbon odor. Bronze-colored, non-viscous petroleum liquid.
VAPOR PRESSURE 350-800 20°C (68°F)	SPECIFIC GRAVITY (H ₂ O = 1) 0.8 (60/60°F)
VAPOR DENSITY (AIR = 1) 3-4	PERCENT VOLATILE BY VOLUME (%) 100 at 85°F
SOLUBILITY IN WATER Negligible	EVAPORATION RATE (Butyl Acetate - 1) >1

SECTION IV - FIRE AND EXPLOSION - HAZARD DATA			
FLASH POINT (METHOD) <-40°F (TCC, ASTM D-56)	FLAMMABLE LIMITS (% BY VOLUME)	LeI 1.5	UeI 7.6
FIRE EXTINGUISHING MEDIA Dry chemical, foam or carbon dioxide.			
SPECIAL FIRE FIGHTING PROCEDURES Shut off source of gasoline. Use water fog or spray to cool exposed equipment & containers.			
UNUSUAL FIRE AND EXPLOSION HAZARDS For large fires or fires in confined areas, self-contained breathing apparatus may be necessary.			

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