
SECTION I - Material Identity

Item Name	
Part Number/Trade Name	AS-237 PRESTONE ENGINE STARTING FLUID AEROSOL
National Stock Number	9150PAS-237
CAGE Code	0CXZ7
Part Number Indicator	A
MSDS Number	193672
HAZ Code	D

SECTION II - Manufacturer's Information

Manufacturer Name	PRESTONE/HONEY WELL CONSUMER PROD
Street	39 OLD RIDGEBURY ROAD
City	DANBURY
State	CT
Country	US
Zip Code	068105109
Emergency Phone	800-424-9300
Information Phone	800-862-7737

MSDS Preparer's Information

Date MSDS Prepared/Revised	14MAY03
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Boiling Point	95 F
Vapor Pressure	305
Vapor Density	2.6
Specific Gravity	.7
Evaporation Rate	23
Solubility in Water	4.5
Percent Volatiles by Volume	99
Chemical pH	NA

Container Type	R
Container Pressure Code	2
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	-49
Flash Point Method	PMCC
Lower Explosion Limit	1.9
Upper Explosion Limit	36
Extinguishing Media	USE FOAM, ALCOHOL FOAM, CARBON DIOXIDE, OR DRY CHEMICAL. COOL FIRE EXPOSED CONTAINERS W/ WATER
Special Fire Fighting Procedures	FIREFIGHTERS SHOULD WEAR POSITIVE PRESSURE SCBA & FULL PROTECTIVE CLOTHING FOR FIRES IN AREAS WHERE CHEMICALS ARE USED OR STORED. PROTECT AGAINST RUPTURING CANS
Unusual Fire/Explosion Hazards	EXTREMELY FLAMMABLE AEROSOL. VAPORS ARE HEAVIER THAN AIR & CAN TRAVEL ALONG SURFACES TO A REMOTE IGNITION SOURCE & FLASH BACK. AEROSOL CANS MAY BURST IN THE HEAT OF FIRE

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	HEAT, SPARKS , FLAMES & ALL OTHER SOURCES OF IGNITION
Materials to Avoid	STRONG OXIDIZING AGENTS
Hazardous Decomposition Products	CARBON DIOXIDE, CARBON MONOXIDE & OXIDES OF NITROGEN
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	U
Route of Entry: Ingestion	U
Route of Entry: Inhalation	U
Health Hazards - Acute and Chronic	[INHALE] MAY CAUSE RESPIRATORY IRRITATION & CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING HEADACHE, DIZZINESS, DROWSINESS, FATIGUE,

	INCOORDINATION, INTOXICATION & UNCONSCIOUSNESS. HIGH VAPOR CONCENTRATIONS MAY CAUSE HEART RATE IRREGULARITIES [SKIN] MAY CAUSE IRRITATION, SEEN AS LOCALIZED REDDENING & SWELLING [EYE] LIQUID OR VAPORS MAY BE IRRITATING, CAUSING TEARING, REDDENING & SWELLING OF THE CONJUNCTIVA [INGEST] UNLIKELY ROUTE OF ENTRY. SWALLOWING LARGE AMOUNTS CENTRAL NERVOUS SYSTEM DEPRESSION
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Symptoms of Overexposure	(CONT) MAY CAUSE GATROINTESTINAL IRRITATION
Medical Cond. Aggrevated by Exposure	SKIN CONDITIONS. EXISTING CARDIAC CONDITIONS
Emergency/First Aid Procedures	[INHALE] REMOVE TO FRESH AIR. IF BREATHING DIFFICULT ADMINISTER OXYGEN. SEEK IMMED. MED. ATTN. {SKIN} REMOVE CONTAMINATED CLOTHING. WASH ALL AFFECTED & EXPOSED AREAS WITH SOAP & WATER. [EYE] IMMEDIATELY FLUSH W/ COPIOUS AMOUNTS OF WATER USING A STEADY STREAM FOR A MINIMUM OF 15 MIN. [INGEST] UNLIKELY ROUTE. GET IMMED. MED. ATTN. RINSE MOUTH OUT WITH WATER. DO NOT INDUCE VOMITING

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	ELIMINATE ALL IGNITION SOURCES. VENTILATE AREA. WEAR APPROPRIATE PROTECTIVE CLOTHING & EQUIPMENT. COLLECT WITH ABSORBENT & PLACE IN A SUITABLE CONTAINER FOR FLAMMABLE WASTE
Waste Disposal Method	DISPOSE OF PRODUCT AS HAZARDOUS WASTE IN ACCORDANCE WITH ALL LOCAL, STATE & FED REGS
Handling and Storage Precautions	EXTREMELY FLAMMABLE! USE ONLY AS DIRECTED. KEEP AWAY FROM HEAT, SPARKS & FLAMES. STORE PRODUCT BELOW 120 F & AWAY FROM DIRECT SUNLIGHT. DO NOT PUNCTURE OR INCINERATE CONTAINERS

SECTION VIII - Control Measures

Respiratory Protection	NONE USUALLY REQUIRED FOR NORMAL,
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Ventilation	CONSUMER USE USE LOCAL EXHAUST
Protective Gloves	CHEMICAL RESISTANT GLOVES
Eye Protection	SAFETY GLASSES OR SAFETY GOGGLES
Other Protective Equipment	APPROPRIATE AS NEEDED TO MINIMIZE SKIN CONTACT
Work Hygenic Practices	DO NOT SMOKE. WASH THOROUGHLY WITH SOAP & WATER AFTER USE

SECTION IX - Label Data

Protect Eye	NO
Protect Skin	NO
Protect Respiratory	NO
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	5.54
Volatile Organic Compounds (G/L)	663.9072

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	HEPTANE
CAS Number	142825
Percent	70
OSHA PEL	500 PPM
ACGIH TLV	400 PPM
Ingredient #	02
Ingredient Name	ETHANE, 1,1'-OXYBIS-
CAS Number	60297
Percent	60
OSHA PEL	40 PPM

ACGIH TLV	400 PPM
Ingredient #	03
Ingredient Name	CARBON DIOXIDE
CAS Number	124389
Percent	10
OSHA PEL	5000 PPM
ACGIH TLV	5000 PPM
