



Material Safety Data Sheet

Agway Petroleum Corporation, PO Box 4852, Syracuse, NY 13221

Car Wash - Controls 800

DATE ISSUED:

2/1/96

I. IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME

GASOLINE (ALL GRADES)

CAS NUMBER

86290-81-5

OTHER NAMES

Regular/Plus/Premium Unleaded (Conventional, Oxygenated and Reformulated)

FORMULA

Petroleum Distillate Mixture - 100% - See Section II, Below

PRODUCT APPEARANCE AND ODOR

Light Yellow or Clear Liquid, Gasoline Odor

CLASSIFICATION

Flammable Liquid & Vapor:

UN1203

Packing Group:

II

DOT Hazard Class:

3

DISTRIBUTOR

Agway Petroleum Corporation

PO Box 4852

Syracuse, NY 13221

PRODUCT INFORMATION

315-449-6363

EMERGENCY PHONE NUMBER

Chemtrec: 800-424-9300

II. SUMMARY OF HAZARDS

COMPONENTS**CAS NUMBER****CONCENTRATION**

Petroleum Distillate Mixture

8002-05-09

89-98%

Benzene

71-43-2

0.1-5%

Ethyl Benzene

100-41-4

0-5%

Toluene

108-88-3

0-25%

1,2,4 Trimethyl Benzene

95-63-6

0-5%

Xylene

1330-20-7

0-25%

Methyl Tertiary Butyl Ether

1634-04-4

0-15%

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Health 2

0 - Minimal

3 - Serious

Flammability 3

1 - Slight

4 - Severe

Reactivity 0

2 - Moderate

OCCUPATIONAL EXPOSURE LIMITS*

	OSHA PEL	ACGIH TLV	OSHA STEL
Petroleum Distillate Mixture	300 ppm	300 ppm	500 ppm
Benzene	1 ppm	10 ppm	---
Ethyl Benzene	100 ppm	100 ppm	125 ppm
1,2,4 Trimethyl Benzene	25 ppm	25 ppm	---
Xylene	100 ppm	100 ppm	150 ppm
Methyl Tertiary Butyl Ether	n/a	n/a	---

* 8-Hour Time Weighted Average Unless Otherwise Specified.



III. EMERGENCY FIRST AID PROCEDURES**INHALATION**

Remove affected person from source of exposure. If not breathing, ensure clear airway and institute cardiopulmonary resuscitation (CPR). If breathing is difficult, administer oxygen if available. Get medical attention.

EYE CONTACT

Flush immediately with large amounts of water. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

SKIN

Remove contaminated clothing immediately. Wash area of contact thoroughly with soap and water. Get medical attention if irritation persists. High pressure skin injections are **SERIOUS MEDICAL EMERGENCIES**. Get immediate medical attention.

INGESTION

DO NOT INDUCE VOMITING BECAUSE OF DANGER OF ASPIRATING LIQUIDS INTO LUNGS. Get immediate medical attention. If spontaneous vomiting occurs, monitor for breathing difficulty.

IV. FIRE AND EXPLOSION**FLASH POINT**

-45 F

AUTOIGNITION TEMPERATURE

650 F

FLAMMABLE LIMITS IN AIR (% BY VOL.)

Lower: 1.4

Upper: 7.6

BASIC FIREFIGHTING PROCEDURES

Use dry chemical, foam or carbon dioxide to extinguish fire. Water may be ineffective as an extinguishing medium, but may be used to cool fire-exposed containers, structures and to protect personnel. If leak or spill has not ignited, ventilate area and use water spray to disperse gas or vapor and to protect personnel attempting to stop leak. Use water to flush spills away from sources of ignition. **DO NOT FLUSH DOWN PUBLIC SEWERS OR OTHER DRAINAGE SYSTEMS.** Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full face mask and full protective equipment.

FIRE AND EXPLOSION HAZARDS

Dangerous when exposed to heat or flame. Runoff to sewer may cause fire or explosion hazard. Containers may explode in heat of fire. Irritating or toxic substances may be emitted upon thermal decomposition.

SPECIAL FIRE HAZARDS

Vapors are heavier than air & may travel along ground and be ignited by heat, pilot lights and other ignition sources.

V. HEALTH HAZARDS**INHALATION**

Vapors or mist may cause irritation of the nose and throat, headache, nausea, vomiting, dizziness, drowsiness, euphoria, loss of coordination, and disorientation. Chronic exposure may also cause anemia, decreased white blood cell counts, decreased platelets, aplastic anemia, leukemia and irregular heart rhythm. In poorly ventilated areas or confined spaces, unconsciousness and asphyxiation may result. The target organ is the central nervous system.

PRIMARY ROUTE

Yes

EYE CONTACT

May cause irritation, experiences as mild discomfort and seen as slight excess redness of the eye.

Yes

SKIN IRRITATION

Prolonged or widespread skin contact may result in the absorption of potentially harmful amounts of material. Can irritate dermatitis.

Yes

INGESTION

Slightly toxic to internal organs if swallowed. Abdominal discomfort, nausea and diarrhea may occur. Aspiration may occur during swallowing or vomiting resulting in lung damage. The target organ is the central nervous system.

N/A

V. HEALTH HAZARDS (Cont'd)**SENSITIZATION PROPERTIES**

Unknown

CHRONIC

Studies sponsored by API, NIOSH and others have shown benzene (a component of gasoline) should be regarded as a potential occupational carcinogen; based on findings of carcinogenic responses in laboratory animals exposed to this substance. The excess cancer risk for workers exposed to this substance has not been calculated; the probability of developing cancer should be decreased by minimizing exposure to the lowest feasible limits.

Personnel with pre-existing skin disorders, impaired liver or kidney function, central nervous system or chronic respiratory diseases should avoid exposure to this material.

OTHER REMARKS

This product contains benzene. Prolonged and repeated exposure to benzene has been associated with anemia and leukemia in humans.

VI. PHYSICAL AND CHEMICAL DATA

The following data are approximate or typical values and should not be used for precise design purposes.

BOILING RANGE (760 mmHg)

95°F

MELTING POINT

N.A.

SPECIFIC GRAVITY (H₂O = 1)

.75

EVAPORATION RATE (ETHER = 1)

0.04

VAPOR PRESSURE (mmHG @68°)

5

VAPOR DENSITY (Air = 1)

3-4

SOLUBILITY IN WATER

Insoluble

% VOLATILE BY VOLUME

100

pH

N/A

VISCOSITY (METHOD, TEMP)

N/A

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not Occur

APPEARANCE AND ODOR

Light Yellow or Clear Liquid, Gasoline Odor.

CONDITIONS TO AVOID

Strong oxidizing agents, heat, spark, flame and build-up of static electricity.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide and hydrocarbons



VII. PROTECTION AND PRECAUTIONS**HANDLING**

- Eye Protection:** Remove contact lenses and wear chemical safety glasses, goggles or face shield where contact with liquid or mist may occur.
- Skin Protection:** Wear impervious gloves, clothing and boots when contact with skin may occur. Wash with soap and water before eating, drinking and smoking. Launder contaminated clothing before reuse.
- Inhalation:** Use approved respiratory protective equipment for cleaning large spills or entry into large tanks, vessels and other confined spaces, or in any situation where airborne concentrations may exceed occupational exposure limits.
- Ventilation:** Provide adequate general and local exhaust ventilation: (1) to meet occupational exposure limits, (2) to prevent the formation of explosive atmospheres and (3) to prevent oxygen deficient atmospheres, especially in confined spaces.

STORAGE

Store in closed containers in cool, dry, isolated, well-ventilated area away from heat, sources of ignition and incompatibilities. Use non-sparking tools. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Container may pressurize if exposed to heat.

EMPTY CONTAINERS

Empty containers likely contain toxic, flammable/combustible or explosive residue or vapors. Do not cut, grind, drill, weld, reuse or dispose containers unless adequate precautions (including repeated flushing of containers) are taken against these hazards.

VIII. TRANSPORTATION AND OSHA RELATED LABEL INFORMATION**TRANSPORTATION INCIDENT INFORMATION**

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents, DOT P 5800.3.

DOT IDENTIFICATION NUMBER

Gasoline

UN 1203

DOT Hazard Class 3/Packing Group II

OSHA REQUIRED LABEL INFORMATION

The following Hazard warning should be found on a label, bill of lading or invoice accompanying this shipment:

DANGER!
HIGHLY FLAMMABLE
DO NOT INHALE VAPORS OR FUMES
MAY BE HARMFUL IF ABSORBED THROUGH SKIN
MAY CAUSE DIZZINESS AND DROWSINESS
HARMFUL OR FATAL IF SWALLOWED – CAN ENTER LUNGS AND CAUSE DAMAGE
USE ONLY AS FUEL

ATTENTION! POSSIBLE CANCER HAZARD
CONTAINS BENZENE WHICH MAY CAUSE CANCER BASED ON ANIMAL DATA

IX. ENVIRONMENTAL INFORMATION**EPA INFORMATION FOR HAZARDOUS CHEMICAL REPORTING****EPA HAZARD CLASSIFICATION CODE**Acute Hazard
xxxChronic Hazard
xxxFire Hazard
xxx

Pressure Hazard

Reactive Hazard

REPORTABLE QUANTITY (RQ), EPA REGULATION 40 CFR 302 (CERCLA Section 102)**THRESHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355 (SARA Sections 301-304)****TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313)****COMPONENTS****CAS NUMBER****CONCENTRATION**

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0-15%

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED

Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify Chemtrec (800) 424-9300.

IF MATERIAL IS RELEASED OR SPILLED, absorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering storm sewers or drains and contact with soil.

WASTE DISPOSAL METHODS

Dispose through a licensed waste disposal company. Follow federal, state and local regulations.

"EMPTY" CONTAINER WARNING

Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity or other sources of ignition.

The information and recommendations contained herein are a compilation of data provided by various suppliers and, to the best of Agway Petroleum Corporation's (APC) knowledge and belief, accurate and reliable as of the date issued. APC does not warrant or guarantee their accuracy or reliability, and APC shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety, and other necessary information is included on the container.

The Environmental Information included under Section IX hereof as well as the Hazardous Materials Identification System (HMIS) and National Fire Protection Association (NFPA) ratings have been included by APC in order to provide additional help and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with APC's interpretation of the available data.

