

Material Safety Data Sheet

Effective Date May 2009

Suburban Propane, L.P. P. O. Box 206 Whippany, NJ 07981-0206

**TRANSPORTATION EMERGENCY
RESPONSE: CHEMTREC (800) 424-9300**

**GENERAL ADDITIONAL INFORMATION:
SAFETY SERVICES (973) 887-5300**

I. IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME

#2 DIESEL

CAS NUMBER

68476-30-2

OTHER NAMES

Fuel Oil, High Sulfur Diesel-Dyed, Low Sulfur Diesel-Dyed, Ultra Low Sulfur Diesel (ULSD) Dyed, Ultra Low Sulfur Diesel (ULSD) Clear

FORMULA

#2 Diesel (Petroleum Distillate) 100%

PRODUCT APPEARANCE AND ODOR

Red Colored Liquid with Petroleum Odor for Heating Oil and Non-Highway
Clear (Amber Colored) Liquid with Petroleum Odor for Highway

CLASSIFICATION

Flammable or Combustible Liquid NA 1993
DOT Hazard Class: 3 Packing Group: III

II. SUMMARY OF HAZARDS

COMPONENTS

#2 Diesel

CAS NUMBER

68476-30-2

CONCENTRATION

100%

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

Key: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Health 1
Flammability 2
Reactivity 0

OCCUPATIONAL EXPOSURE LIMIT

TWA 400 ppm 8 Hours

III. EMERGENCY FIRST AID PROCEDURES

INHALATION

Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, use mouth to mouth resuscitation.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, call a physician.

SKIN

Dry-wipe the skin. Cleanse the area with waterless hand cleaner, and follow by washing thoroughly with soap and water. Remove contaminated clothing. Launder clothing before reuse. Discard shoes if material has penetrated to inside surface.

INGESTION

Do not induce vomiting. Give 1 to 2 glasses of water. Get medical attention.

NOTE TO PHYSICIAN

Material if aspirated into the lungs may cause chemical pneumonitis. Treat appropriately.

IV. FIRE AND EXPLOSION

FLASH POINT

>125° F

AUTOIGNITION TEMPERATURE

500° F

FLAMMABLE LIMITS (% at Normal Atmos. Temp. And Pressure)

Lower: 0.6

Upper: 7.4

EXTINGUISHING MEDIA

Water Fog, Dry Chemical, CO₂ or Chemical Foam

FIRE AND EXPLOSION HAZARDS

Flowing oil can be ignited by self-generated static electricity; check for combustible vapors prior to and during welding and torch cutting on tanks and vessels.

SPECIAL FIREFIGHTING PROCEDURES

Use a water spray to cool fire-exposed containers. Use a smothering technique for extinguishing fire of this combustible liquid. Do not use a forced water stream directly on oil fires as this will scatter the fire. Firefighters should wear self-contained breathing apparatus and full protective clothing.

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. In poorly ventilated areas or confined spaces, unconsciousness and asphyxiation may result.

PRIMARY ROUTE

Yes

EYE CONTACT

May cause irritation, experienced 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.

Yes

INGESTION

If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur. Aspiration may occur during swallowing or vomiting resulting in lung damage.

N/A

CHRONIC

NOISH has recommended that whole diesel exhaust be regarded as a potential Occupational carcinogen based on findings of carcinogenic responses in laboratory animals Exposed to whole diesel exhaust. The excess cancer risk for workers exposed to diesel Exhaust has not been calculated; the probability of developing cancer should be Decreased by minimizing exposure to the lowest feasible limits.

Repeated skin contact may cause a persistent irritation or dermatitis.

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

340-700° F

SPECIFIC GRAVITY

0.85

VAPOR PRESSURE (mmHg@20° C)

<0.5

VAPOR DENSITY

>4

SOLUBILITY IN WATER

Insoluble

pH

N/A

VOLATILE CHARACTERISTICS

N/A

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Not expected to occur

APPEARANCE AND COLOR

Amber Colored Liquid. May be dyed red for identification of tax status.

CONDITIONS TO AVOID

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

HAZARDOUS DECOMPOSITION PRODUCTSCO, CO₂, SO₂, Reactive Hydrocarbons**VII. PROTECTION AND PRECAUTIONS****HANDLING**

- Eye Protection: Remove contact lenses and wear chemical safety glasses, goggles or faceshield 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 REQUIREMENTS

Store in tightly closed containers in dry, cool place, away from sources of heat or ignition and incompatible substances. Ground and bond all transfer and storage equipment to prevent static sparks and equip with self closing valves, pressure vacuum bungs and flame arresters. Empty containers may contain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death.

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

#2 Diesel Fuel (a/k/a Fuel Oil) Flammable or Combustible Liquid/NA 1993/Hazard Class 3

OSHA REQUIRED LABEL INFORMATION

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

DANGER!
HARMFUL IF INHALED
MAY BE HARMFUL IF ABSORBED THROUGH SKIN
MAY CAUSE DIZZINESS AND DROWSINESS
ASPIRATION HAZARD IF SWALLOWED – CAN ENTER LUNGS AND CAUSE DAMAGE
COMBUSTIBLE LIQUID AND VAPOR
USE ONLY AS FUEL
ATTENTION! POSSIBLE CANCER HAZARD

IX. ENVIRONMENTAL INFORMATION

EPA INFORMATION FOR HAZARDOUS CHEMICAL REPORTING

EPA HAZARD CLASSIFICATION CODE

Acute Hazard
xxx

Chronic Hazard
xxx

Fire Hazard
xxx

Pressure Hazard

Reactive Hazard

REPORTABLE QUANTITY (RQ), EPA REGULATION 40 CFR 302 (CERCLA Section 102)

None

THERSHOLD PLANNING QUANTITY (TPQ), EPA REGULATION 40 CFR 355 (SARA Sections 301-304)

None

TOXIC CHEMICAL RELEASE REPORTING, EPA REGULATION 40 CFR 372 (SARA Section 313)

None

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED

Remove sources of heat or ignition including internal combustion engines and power tools. Remove spill with vacuum trucks or pump and soak up residue with an inert absorbent. Do not flush to sewer or surface water. Ventilate area and avoid breathing vapors or mists.

WASTE DISPOSAL METHODS

Product is suitable for burning for fuel value in compliance with applicable laws and regulations.

RCRA INFORMATION: Disposal of unused product may be subject to RCRA regulations (40 CFR 261) due to the characteristic(s)/chemical(s) listed below. Disposal of the used product may also be regulated due to ignitability, corrosivity reactivity, or toxicity as determined by the Toxicity Characteristics Leaching Procedure (TCLP).

FLASH 125°F

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.

For further information write to:

SUBURBAN PROPANE, L.P.
Safety Services
240 Route 10 West
P. O. Box 206
Whippany, NJ 07981-0206
Or call: (973) 887-5300

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