POWER SERVICE PRODUCTS, INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: DIESEL KLEEN +CETANE BOOST

Unless otherwise noted, all sections of this MSDS apply to each of the following products and part numbers.

PART NUMBERS:

1:400 Treatment Ratio	3016-06, 3016-09, 3025-12, 3041-04, 3080-06, 13016-06, 13016-09, 13025-12, 13041-04, 13080-06
1:1,000 Treatment Ratio	3128-04
1:1,500 Treatment Ratio	3880-06, 3850-02, 3855-01, 3860-01, 3800

COMPANY IDENTIFICATION:
Power Service Products, Inc.
P.O. Box 1089
Weatherford, TX 76086
Email: psp@powerservice.com
Phone: 800/643-9089 or 817-599-9486
Fax: 817-599-4893

Emergency Phone Number: Within USA 1-800-424-9300. Outside USA 001-703-527-3887 (Call Collect).

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Specific chemical information is being withheld as a Trade Secret. Specific chemical information will be made available to health professionals in accordance with 29 CFR 1910.1200.

INGREDIENTS

Petroleum Distillates
Aromatic Hydrocarbons

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYES: May cause eye irritation. Effects may include discomfort or pain and redness.

SKIN: May be harmful if absorbed through the skin. May cause skin irritation. Prolonged or repeated skin contact may cause drying or defatting of the skin. Symptoms may include pain, itching, discoloration, swelling, and blistering.

INHALATION: Do not breathe vapors. Harmful or fatal if inhaled. Breathing of high vapor concentrations may cause dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness. The vapor or fumes from this material may cause respiratory irritation and damage auditory system. Breathing this material at elevated concentrations causes central nervous system effects. Central nervous system effects may include headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness, confusion or disorientation. At extreme exposures, central nervous system effects may include respiratory depression, tremors, or convulsions, loss of consciousness, coma or death.

INGESTION: Do not take internally. Harmful or fatal if swallowed. If swallowed, may be aspirated and cause lung damage. This material can directly enter the lungs, if swallowed, or if subsequently vomited. Once in the lungs it is very difficult to remove and can cause severe injury or death.

TARGET ORGANS:
Central nervous system, auditory system, kidneys, liver, blood.

SECTION 4 - FIRST AID MEASURES

As a precaution, exposure to liquids, vapors, mists and fumes should be minimized.

EYE CONTACT:
Hold eyelids apart and flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if present, after first 5 minutes of rinsing. If irritation persists, call a physician.

SKIN CONTACT:
Wash contact area with soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse. If irritation persists, call a physician.

INHALATION:
If overcome by vapors, move the exposed person to fresh air. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. Seek medical attention if breathing difficulties continue.

INGESTION:
If swallowed, do NOT induce vomiting. If vomiting occurs, have person lean forward. Keep at rest. Give the person a glass of water or milk to drink and get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE PROPERTIES:

FLASH POINT:

Treatment Ratio	Part Numbers:	Flash Point:
1:400 Treatment Ratio	3016-06, 3016-09, 3025-12, 3041-04, 3080-06, 13016-06, 13016-09, 13025-12, 13041-04, 13080-06	105°F (41°C)
1:1,000 Treatment Ratio	3128-04	111°F (44°C)
1:1,500 Treatment Ratio	3880-06, 3850-02, 3855-01, 3860-01, 3800	142°F (61°C)

FLAMMABLE LIMITS: lower**:** Not Determined upper**:** Not Determined

AUTOIGNITION TEMPERATURE: Not Determined

EXTINGUISHING MEDIA:
Use water fog, foam, dry chemical or carbon dioxide (CO_2) to extinguish flames.

FIRE FIGHTING:

FIRE FIGHTING INSTRUCTIONS: Use standard protective equipment including self-contained breathing apparatus (SCBA).

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground to a distant ignition source and flash back. See Section 10 for Stability and Reactivity.

NOTE: EMPTY CONTAINERS CONTAIN COMBUSTIBLE VAPORS. DO NOT USE CUTTING TORCH EQUIPMENT OR ANY OTHER FLAME OR OTHER SOURCES OF IGNITION ON ANY EMPTY CONTAINER.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PROTECTIVE MEASURES:
Avoid contact with spilled material. Warn or evacuate occupants in surrounding and downwind areas. Eliminate all sources of ignition in the vicinity of the spill or released vapor. See Section 3 for Hazards Identification. See Section 4 for First Aid Measures. See Section 5 for Fire Fighting Information. See Section 8 for Personal Protective Equipment.

SPILL MANAGEMENT:
Eliminate potential sources of ignition. Stop leak if it can be done without risk. Dike and contain spill. Do not touch or walk through spilled material. Prevent entry into waterways, sewer, basements or confined areas. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly. A vapor suppressing foam may be used to reduce vapors. Local, state and federal laws and/or regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean-up releases. The user/responder will need to determine which local, state and federal laws and/or regulations are applicable. The National Response Center can be reached at 1-800-424-8802.

SECTION 7 - HANDLING AND STORAGE

HANDLING: Avoid contact with eyes and skin. Use only with adequate ventilation. Use proper bonding and/or grounding procedures. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). Keep away from ignition sources such as heat, sparks, and flames. No smoking.

STORING: DO NOT USE OR STORE near heat, sparks, or flame. USE AND STORE ONLY IN A WELL-VENTILATED AREA. Handle containers with care. Keep container closed when not in use.

STORAGE TEMPERATURE:

Treatment Ratio	Part Numbers:	Storage Temperature:
1:400 Treatment Ratio	3016-06, 3016-09, 3025-12, 3041-04, 3080-06, 13016-06, 13016-09, 13025-12, 13041-04, 13080-06	0°F - 104°F (-18°C - 40°C)
1:1,000 Treatment Ratio	3128-04	0°F - 104°F (-18°C - 40°C)
1:1,500 Treatment Ratio	3880-06, 3850-02, 3855-01, 3860-01, 3800	0°F - 104°F (-18°C - 40°C)

NOTE: CONTAINERS ARE STRICTLY SINGLE TRIP CONTAINERS. THEY ARE NOT TO BE USED FOR ANY REASON AFTER BEING EMPTIED. EMPTY CONTAINERS CONTAIN COMBUSTIBLE VAPORS. DO NOT USE CUTTING TORCH EQUIPMENT OR ANY OTHER FLAME OR OTHER SOURCES OF IGNITION ON ANY EMPTY CONTAINER.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE GUIDELINES:

	CAS #	OSHA	ACGIH		NIOSH			
		PEL	TLV	STEL	REL	STEL	IDLH	Note
Ethylbenzene	100-41-4	100 ppm	100 ppm	125 ppm	100 ppm	125 ppm	800 ppm	n/a
Naphthalene	91-20-3	10 ppm	10 ppm	15 ppm	10 ppm	15 ppm	250 ppm	skin
Xylene	1330-20-7	100 ppm	100 ppm	150 ppm	100 ppm	150 ppm	900 ppm	n/a
1,2,4-Trimethylbenzene	95-63-6	not est.	25 ppm	not est.	25 ppm	not est.	not est.	n/a
Petroleum Distillates	n/a	500 ppm	not est.	not est.	86 ppm	444 ppm	1100 ppm	n/a

ENGINEERING CONTROLS: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Local exhaust ventilation is recommended to control exposure.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Eyes and Face: Eye protection such as safety glasses or chemical goggles is recommended if contact is likely.

Skin: Chemical/oil resistant clothing and gloves are recommended. Wear additional protective clothing as appropriate.

Respiratory: Wear a NIOSH/MSHA approved respirator as necessary.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Practice good housekeeping.

NOTE: These precautions are for room temperature handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

	1:400 Treatment Ratio	1:1,000 Treatment Ratio	1:1,500 Treatment Ratio
PHYSICAL FORM	Liquid	Liquid	Liquid
COLOR	Straw	Brown	Brown
ODOR	Aromatic Solvent	Aromatic Solvent	Aromatic Solvent
POUR POINT	-75°F (-59°C)	-75°F (-59°C)	-75°F (-59°C)
BOILING POINT	300°F (149°C)	300°F (149°C)	300°F (149°C)
VAPOR PRESSURE (psi)	0.2 – 0.95	0.2 – 0.95	0.2 – 0.95
VAPOR DENSITY (AIR = 1)	>5.0	>5.0	>5.0
pH	7 – 8 (slightly basic)	7 – 8 (slightly basic)	7 – 8 (slightly basic)
SPECIFIC GRAVITY (at 60°F)	0.92	0.91	0.93

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY:

This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

CONDITIONS TO AVOID:
Flames, high energy ignition sources, and elevated temperatures.

MATERIALS TO AVOID:
May react with strong oxidizing agents, such as; chlorates, nitrates, peroxides, etc.; alkalis; lead and lead alloys; aluminum.

HAZARDOUS DECOMPOSITION:
Carbon oxides, products of incomplete combustion and nitrogen oxide.

HAZARDOUS POLYMERIZATION:
Hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS:

This product contains the following chemicals classified as carcinogens as indicated:

Chemical	Listed By	Part Numbers
Ethylbenzene	IARC	ALL
Naphthalene	IARC, NTP	ALL

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY:
This material is expected to be toxic to aquatic organisms.

SECTION 13 - DISPOSAL CONSIDERATIONS

RCRA Information: Disposal of unused product may be subject to RCRA hazardous waste regulations (40 CFR Part 261). Disposal of the used product may also be regulated as hazardous waste due to resulting mixture characteristics, mixture components or product use. Such changes to the product may result in different and/or additional hazardous waste codes. Potential RCRA waste code based on the product as shipped: D001 IGNITABILITY. State or local laws may impose additional regulatory requirements regarding disposal. *Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.*

EMPTY CONTAINER WARNING: Empty containers may contain residue and can be dangerous. See Section 5 for Fire and Explosion Hazard Data.

SECTION 14 - TRANSPORTATION INFORMATION

The following part numbers are not regulated by DOT:

1:400 Treatment Ratio	3016-06, 3016-09, 3025-12, 3041-04, 3080-06, 13016-06, 13016-09, 13025-12, 13041-04, 13080-06
1:1,000 Treatment Ratio	3128-04
1:1,500 Treatment Ratio	3880-06, 3850-01, 3855-01

The following part numbers are regulated by DOT:

1:1,500 Treatment Ratio	3860-01

PROPER SHIPPING NAME: Combustible Liquid, N.O.S., (Petroleum Distillates), Marine Pollutant (2-Ethylhexyl Nitrate)
HAZARD CLASS: Combustible Liquid
I.D. NUMBER: NA 1993
PACKING GROUP: III
PLACARDING: Combustible Liquid
MARINE POLLUTANT: Yes

1:1,500 Treatment Ratio	3800

PROPER SHIPPING NAME: Combustible Liquid, N.O.S., (Petroleum Distillates) RQ (Naphthalene, Xylene), Marine Pollutant (2-Ethylhexyl Nitrate)
HAZARD CLASS: Combustible Liquid
I.D. NUMBER: NA 1993
PACKING GROUP: III
PLACARDING: Combustible Liquid
PRODUCT RQ: 100 lbs. (45.45 kg) – Xylene, Naphthalene
MARINE POLLUTANT: Yes

SECTION 15 - REGULATORY INFORMATION

§14(a) Consumer Product Safety Act General Certificate of Conformity

Power Service Products, Inc. certifies that this product meets the statutory and regulatory requirements of the US Consumer Products Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act of 1970, as applicable. The Power Service products are manufactured in the United States in Weatherford, Texas, unless otherwise indicated on the product label. The product manufacture date is stamped on the product container. This

Certification is based upon a reasonable testing program conducted by Power Service Products, Inc. which includes a quality control program incorporating, as necessary, confirmation of compliance by component suppliers. Third-party testing is not required to certify compliance. Further details may be obtained by contacting the Power Service Products, Inc. Compliance Coordinator at 1-800-643-9089.

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

TSCA STATUS:
All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

EPA SARA TITLE III CHEMICAL LISTINGS:

Section 302 Extremely Hazardous Substances: None

Sections 311/ 312 Hazard Class:
Acute Health Effects: Yes Sudden Release of Pressure Hazard: No
Chronic Health Effects: Yes Reactivity Hazard: No
Fire Hazard: Yes

NFPA (NATIONAL FIRE PROTECTION ASSOCIATION) RATING:
HEALTH: **2**
FIRE: **2**
REACTIVITY: **0**

Section 313:
This product contains the following chemicals that are subject to the reporting requirements of EPCRA Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (40 CFR Part 372).

Treatment Ratio	CAS Number	Chemical Name	Max %
1:400 Treatment Ratio	100-41-4	Ethylbenzene	8.0
	1330-20-7	Xylene, Mixed Isomers	4.0
	91-20-3	Naphthalene	1.5
1:1,000 Treatment Ratio	100-41-4	Ethylbenzene	4.0
	1330-20-7	Xylene, Mixed Isomers	2.5
	91-20-3	Naphthalene	1.5
1:1,500 Treatment Ratio	100-41-4	Ethylbenzene	1.0
	91-20-3	Naphthalene	1.5

The following components of this material are found on these state regulatory lists.

1, 2, 4 Trimethylbenzene: IL RTK, MN Hazardous substance, NJ RTK, PA RTK, RI RTK

Ethylbenzene: NDEP HAP, California Prop. 65, MA RTK, NJ RTK, PA RTK, RI RTK, MN Hazardous substance

Xylene: NDEP HAP, MA RTK, NJ RTK, PA RTK, RI RTK, MN Hazardous substance

Naphthalene: California Prop. 65, MA RTK, NJ RTK, PA RTK, MN Hazardous substance

This product contains a chemical known to the state of California to cause cancer.

SECTION 16 – OTHER INFORMATION

The information contained herein is offered in good faith and is believed to be accurate based on the data available to us as of the date of MSDS preparation. The information in this document applies to this specific product as supplied. It may not be appropriate for this product if the product is used in combination with other materials. The information in this document is not intended to constitute product performance information. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product. No statement shall be construed as an endorsement of any product or process. The recommended industrial hygiene and safe handling procedures are believed to be valid in the context of the intended use as described in product labeling. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. You are urged to obtain material safety data sheets for all products you buy, process, use or distribute, and are encouraged to advise those who may come in contact with such products of the information contained therein. Regulatory requirements are subject to change and may differ between locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. No warranty or guarantee is expressed or implied with respect to this product, the accuracy and sufficiency of the data or recommendations herein, or the results to be obtained from the use of this product. IN NO EVENT SHALL POWER SERVICE PRODUCTS, INC. BE LIABLE FOR ANY LOSS, CLAIM, DAMAGE OR LIABILITY OF ANY KIND, WHICH MAY ARISE FROM OR IN CONNECTION WITH THE INFORMATION CONTAINED IN THIS DOCUMENT OR FROM THE USE, HANDLING OR STORAGE OF THE PRODUCT BY THE BUYER/USER, WHETHER DIRECT, INDIRECT, OR CONSEQUENTIAL, OR FOR ANY CLAIM BY ANY THIRD PARTY, BEYOND THE PURCHASE PRICE OR REPLACEMENT OF THE PRODUCT IN CONNECTION WITH WHICH SUCH LOSS, CLAIM, DAMAGE OR LIABILITY AROSE.

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