

# MATERIAL SAFETY DATA SHEET

Total Solutions  
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GENERAL INFORMATION NUMBER: (414) 354-6417  
CHEMTREC: (800) 424-9300

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## I - Product Identification

### Diesel Clean

PRODUCT CODE: 0657

CHEMICAL FORMULATION: Diesel fuel conditioner.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0  
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX	OSHA	ACGIH	EPA 40 CFR:			CAS #
	%	PEL	TLV	302	355	372	
Solvent naphtha (petroleum), light aromatic	50.0-55.0	N/E	N/E	N	N	N	64742-95-6
1,2,4-Trimethylbenzene	20.0-30.0	25 ppm	25 ppm	N	N	Y	95-63-6
2-Ethylhexylnitrate	10.0-20.0	N/E	N/E	N	N	N	27247-96-7
Xylene	1.00-5.00	100 ppm	100 ppm	Y	N	Y	1330-20-7
Heavy aromatic naphtha	1.00-5.00	N/E	N/E	Y	N	N	64742-94-5
Cumene	< 2.00	50 ppm (skin)	50 ppm (skin)	Y	N	Y	98-82-8
Amine substituted resin	< 2.00	N/E	N/E	N	N	N	Trade secret

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit  
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

BOILING POINT (°F): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR = 1): N/D

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: Clear, gold liquid; solvent odor.

SPECIFIC GRAVITY (WATER = 1): .882

VOC CONTENT (% by weight): N/D

EVAPORATION RATE (WATER = 1): > 1.00

pH: N/A

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 108

(TEST METHOD): Closed cup

FLAMMABLE LIMITS IN AIR (VOLUME %)

UPPER: N/D

LOWER: N/D

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: Solvent vapors may cause flashback.

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**V - Reactivity Data**

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**STABILITY:** Stable

**INCOMPATIBILITY:** Strong oxidizers and acids.

**CONDITIONS TO AVOID:** Excess heat and open flame.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None

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**VI - Health Hazard Data**

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**ROUTES OF ENTRY**      **INHALATION:** X      **EYE CONTACT:** X      **SKIN CONTACT:** X      **INGESTION:** X

**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None.

**EFFECTS OF OVEREXPOSURE**

**IF IN EYES:** Irritation and redness. Material is corrosive to eyes and may cause permanent injury.

**IF ON SKIN:** Redness, irritation, dermatitis. May aggravate existing dermatitis condition.

**IF SWALLOWED:** May be harmful or fatal if swallowed. Gastrointestinal irritation, nausea, cramps, vomiting. Small amounts of this product may be aspirated into the respiratory system during ingestion or vomiting and may cause mild to severe pulmonary injury, possibly progressing to death.

**IF INHALED:** Irritation to upper respiratory tract, dizziness, light-headedness, drowsiness, and CNS effects.

**EMERGENCY AND FIRST AID PROCEDURES**

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF ON SKIN:** Remove contaminated clothing and launder separately before reuse. Wash with soap and water. If irritation persists, obtain medical attention.

**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting unless told to do so by a physician or poison control center.

**IF INHALED:** Remove person to fresh air. Administer artificial respiration if not breathing. Obtain medical attention.

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**VII - Spill or Leak Protection**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and remove all sources of ignition. Contain spill.

Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

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**VIII - Special Protection Information**

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**RESPIRATORY PROTECTION:** Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

**VENTILATION**

**LOCAL:** Recommended

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety glasses and/or face shield.

**OTHER PROTECTIVE EQUIPMENT:** Eye wash station, protective clothing.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use.

**OTHER PRECAUTIONS:** Keep out of reach of children.

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**IX - Transportation Information (ground transportation only)**

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**DOT PROPER SHIPPING NAME:** None

**DOT CLASS:** None

**DOT ID NUMBER:** None

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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