

Safety Data Sheet (SDS)



PerForm

SDS Number: 18050

Revision Date: 6/16/2015

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Section 1: Product and Company Identification

Manufacturer

Bade Incorporated
48 Sulfur Springs Road
Irwin, PA 15642

Phone: 1-800-783-0363

Product Name:	PerForm
Revision:	6/16/2015
Date: SDS Number:	18050
CAS Number:	Blend
Product Code:	18050
Synonyms:	Diesel Fuel Additive

For emergencies contact Chemtrec at 1-800-424-9300.

Section 2: Hazards Identification

GHS Signal Word: Danger

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Liquids, 3
- Health, Specific target organ toxicity – Single exposure, 3
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 A
- Health, Aspiration hazard, 1
- Health, Carcinogenicity, 2

GHS Phrases:

- H226 – Flammable liquid and vapor
- H335 – May cause respiratory irritation
- H336 – May cause drowsiness or dizziness
- H315 – Causes skin irritation
- H319 – Causes serious eye irritation
- H304 – May be fatal if swallowed and enters airways
- H351 – Suspected of causing cancer

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GHS Precautionary Statements:

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present if easy to do. Continue rinsing.

Section 3: Composition/Information on Ingredients

Ingredients:

Chemical Name	Percentage	CASE No.
Hydrotreated middle petroleum	50.0 – 60.0	64742-46-7
2 – Ethylhexanol	25.0 – 35.0	104-76-7
Light solvent naphtha	< 10.0	64742-95-6
1,2,4-Trimethylbenzene	< 5.0	95-63-6
Xylene	<1.0	1330-20-7
Cumene	<1.0	98-82-8

Section 4: First Aid Measures

Inhalation: If symptoms develop, move victim to fresh air.
If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water.
Remove contaminated clothing and wash before reuse.
Get medical attention if needed.

Eye Contact: Flush with water for several minutes.
If effects occur, consult a physician.

Ingestion: Rinse mouth with water and drink 2-4 cups of water.
Get immediate medical attention.

Note to Physician: Activated charcoal may be administered.

Section 5: Fire Fighting Measures

Flash Point: 49.0 C (120.2F)

Flash Point Method: PMCC

Use dry powder, foam, or carbon dioxide fire extinguishers.
Water may be ineffective in fighting an oil fire unless used by experienced fire fighters.

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Section 6: Accidental Release Measures

Eliminate sources of ignition – Heat, sparks, flame and electricity
Contain spilled material.
Collect insuitable and properly labeled containers.
Pickup excess with inert absorbent material.
Keep away from drains and ground water.

Section 7: Handling and Storage

Handling Precautions: Avoid contact with eyes, skin, or clothing.
Keep away from sources of ignition.
Do not pressurize, cut, weld, braze, solder, drill or grind containers.
Handle with care and avoid spillage on the floor (slippage).
Ground and bond containers when transferring material.

Storage Requirements: Keep away from sources of ignition.
Store in a tightly closed container.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equip: Use of safety glasses and gloves are recommended.

EXPOSURE GUIDELINES: LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)
OSHA TWA: 500 ppm
1,2,4-TRIMETHYLBENZENE
ACGIH TWA: 25 ppm
XYLENE
OSHA TWA: 100 ppm, 435 mg/mA3
ACGIH TWA: 100 ppm, 434 mg/mA3
OSHA STEL: 150 ppm, 655 mg/mA3
ACGIH STEL: 100 ppm, 651 mg/m^A3
CUMENE
OSHA PEL: 50 ppm
OSHA TWA: 50 ppm, 245 mg/mA3
ACGIH TWA: 50 ppm, 246 mg/mA3

Section 9: Physical and Chemical Properties

Appearance: Amber
Physical State: Liquid
Viscosity: 3.0 cSt at 40 degrees C
Solubility: Nil in water

Section 10: Stability and Reactivity

Stability Product is stable under normal conditions.
Conditions to Avoid: High temperatures and open flame.
Materials to Avoid: Avoid strong oxidizing agents
May burn or react violently to
fluorine/oxygen mixtures



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Section 11: Toxicological Information

Repeated skin contact with this product may cause dermatitis or an oil acne.

No component is listed as a carcinogen, mutagen, or teratogen.

SKIN EFFECTS:

Solvent Petroleum Naphtha, no deaths reported at 4 ml/kg (rat). Slightly irritating (rabbit, 4 hours).

Vinyl Acetate Monomer, Skin absorption LD50 is 2,335 mg/kg in rabbits.

ACUTE ORAL EFFECTS:

Solvent Petroleum Naphtha, LD 50, 10 ml/kg in rats.

Oral LD50 for Vinyl Acetate Monomer is 2,920 mg/kg in rats.

ACUTE INHALATION EFFECTS:

Solvent Petroleum Naphtha, no deaths at 710 ppm (v) (Rate) 4 hours.

Vinyl Acetate Monomer, four hour inhalation LC50 is 4,000 ppm in rats.

Section 12: Ecological Information

Avoid exposing to the environment, no specific aquatic data available

Section 13: Disposal Considerations

Dispose of in accordance with local requirements.

Do not flush to surface water or drains

Section 14: Transport Information

UN#: NA 1993, Class: -, Proper Shipping Name; Combustible liquid, n.o.s.

This material is not regulated for US DOT transportation in quantities less than 119 gallons.

Section 15: Regulatory Information

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA).

Section 16: Other Information

The information contained in this Safety Data Sheet relates only to the specific material designated. Bade, Incorporated assumes no legal responsibility for use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Bade, Incorporated.