AMSOIL Material Safety Data Sheet

Date Issued/Revised: May 12, 2009
Supersedes: June 13, 2006

Section 1: Product and Company Identification

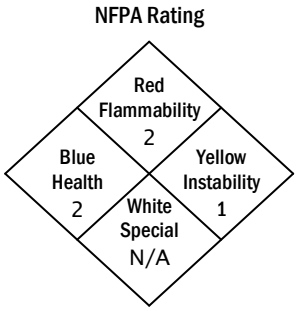
Manufacturer: AMSOIL, Inc.
925 Tower Avenue
Superior, WI 54880

Telephone:
CHEMTREC (Spill Emergency Only): 1-800-424-9300
Information: 715-392-7101

AMSOIL Product Code ..... ACB
Product Label Name..... CETANE BOOST ADDITIVE FOR DIESEL FUEL
Product Use ..... FUEL PERFORMANCE IMPROVER

Section 2: Composition/Information on Ingredients

NFPA Rating



OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Component	CAS#	Weight%
Octylnitrate	272-47-96-7	100%

*See Section 8 for exposure limits.

Section 3: Hazards Identification

POTENTIAL HEALTH EFFECTS: Warning! Combustible liquid and vapor. Harmful if inhaled or absorbed through skin. Aspiration hazard if swallowed.

PHYSICAL/CHEMICAL HAZARDS: When heated above 100°C/212°F may under go a self-accelerating, exothermic reaction which causes a rapid rise in temperature and pressure. Rupture of storage vessels and fire should be anticipated in case of such temperature.

ENVIRONMENTAL HAZARDS: Not classified as dangerous for the environment according to EC Criteria

Section 4: First Aid Measures

EYE: Flush with water for 15-20 minutes. Seek medical attention if irritation develops.

SKIN: Wash immediately with soap and water. Remove contaminated clothing and launder before reuse. Discard shoes and leather articles saturated with the product. Obtain medical advice if irritation occurs.

INHALATION: Remove exposed person to fresh air. If breathing is labored give oxygen. If breathing has stopped apply artificial respiration. Get immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. If vomiting does occur, keep head below hips to reduce risk of aspiration. Get immediate medical attention.

Section 5: Fire Fighting Measures

FLAMMABILITY PROPERTIES:
Flash Point ..... 151°F(66°C)
Method ..... TCC ASTM D-56
LFL/UFL ..... Not Determined
Auto-ignition Temperature ..... Not Determined

EXTINGUISHING MEDIA: Water spray (fog), foam, dry chemical, or CO2

FIREFIGHTING EQUIPMENT: Full bunker gear recommended including a positive pressure self-contained breathing apparatus.

Section 6: Accidental Release Measures

Isolate spill area. Provide adequate ventilation. Wear appropriate personal protection. Recover free product for recycle and/or disposal. Add sand, earth or other suitable absorbent to spill area. Prevent entry into sewers and waterways. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulator Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spill.

Section 7: Handling and Storage

HANDLING: Keep away from heat, sparks, and flames. Keep containers closed. Use only with adequate ventilation. To avoid fire, minimize ignition sources.

STORAGE: Keep container in a well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

EXPOSURE LIMITS

Component	CAS#	%	OSHA PEL TWA
OctylNitrate	272-47-96-7	90 – 100	1 ppm 8 hrs

VENTILATION: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

RESPIRATORY: Use a NIOSH approved respirator when necessary.

SKIIN: Use Viton or Nitrile gloves to avoid prolonged or repeated skin contact.

EYE: Use splash goggles or face shield where splashing is expected or can occur.

Section 9: Physical and Chemical Properties

Physical State ..... Liquid
Boiling Point ..... Not Determined
Freezing/Melting Point ..... Not Determined
Vapor Pressure ..... Not Determined
Vapor Density (Air=1) ..... Not Determined
Evaporation Rate ..... Not Determined
Solubility in Water ..... Insoluble
Specific Gravity (Water=1) 0.9665
Density, lb./gal. 8.049
Volatility (Volume) ..... Unknown
VOC ..... Unknown
pH ..... Not Determined
Coefficient of Water/Oil Distribution ..... Not Determined
Odor ..... Pungent
Odor Threshold ..... Not Determined
Appearance ..... Clear/Colorless to Light Yellow Colored Liquid
Viscosity, cSt @ 100°C ..... Not Applicable
Viscosity, cSt @ 40°C ..... Not Applicable
Viscosity Index ..... Not Applicable

Section 10: Stability and Reactivity

STABILITY: Unstable at temperatures greater than 100°C/212°F.

INCOMPATIBILITY: Avoid contact with strong oxidants and reducing chemicals

CONDITIONS TO AVOID: Temperatures above 50°C/122°F - 60°C/140°F, sparks, and open flames.

Section 11: Toxicological Information

ACUTE EXPOSURE

Routes of Entry:	Absorbed through skin, inhalation, ingestion
Target Organs:	Contains material which may cause damage to the following organs: cardiovascular system
Eye Irritation:	Non-irritating to eyes
Skin Irritation:	Harmful in contact with skin. Overexposure to organic nitrates by inhalation of vapor or skin contact may cause headache, dizziness, nausea, and decreased blood pressure.
Respiratory Irritation:	Harmful in contact with skin. Overexposure to organic nitrates by inhalation of vapor or skin contact may cause headache, dizziness, nausea, and decreased blood pressure.

CHRONIC EXPOSURE

Chronic Toxicity:	No data available to indicate product present at greater than 1.0% are chronic health hazards.
Carcinogenicity:	No data available to indicate product present at greater than 0.1% are a carcinogenic hazard.
Mutagenicity:	No data available to indicate product present at greater than 1.0% present a mutagenic or genotoxic hazard.
Reproductive Toxicity:	No data available to indicate product present at greater than 1.0% present a reproductive hazard.
Teratogenicity:	No data available to indicate product present at greater than 1.0% present a teratogenic hazards.

ADDITIONAL INFORMATION

Exposure Limits:	Under conditions, which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.

Section 12: Ecological Information

Environmental Hazard:	Not classified as dangerous for the environmental according to EC criteria. Based on test data for this or similar product.
Environmental Fate:	This product contains components which may be persistent in the environment.

Section 13: Disposal Considerations

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Section 14: Transport Information

ADG	Environmentally hazardous substance, liquid, n.o.s. (Octylnitrate), Class
U.S. DOT Bulk	Combustible liquid, n.o.s. (Octylnitrate), NA1993, PG III, Marine Pollutant
U.S. DOT Non-Bulk	Not Regulated
TDG Bulk	Environmentally hazardous substance, liquid, n.o.s. (Octylnitrate), Class 9,
ADR/RID Class	Environmentally hazardous substance, liquid, n.o.s. (Octylnitrate), Class 9
IATA-DGR Class	Environmentally hazardous substance, liquid, n.o.s. (petroleum naphtha), Class 9,
IMDG	Environmentally hazardous substance, liquid, n.o.s. (petroleum naphtha), Class 9, UN3082, PG III, Marine pollutant

Section 15: Regulatory Information

U.S. Federal Regulations
- OSHA Table Z ..... Octylnitrate
- TSCA ..... Not Applicable
- CERCLA 40 CFR 302.4 ..... Not Applicable
- SARA Title III
  - Section 302 Extremely Hazardous ..... Not Applicable
  - Section 311/312
    - Fire Hazard ..... Yes
    - Reactive Hazard ..... Yes
    - Release of Pressure ..... No
    - Acute Health Hazard ..... Yes
    - Chronic Health Hazard ..... No
  - Section 313 Toxic Chemical ..... Not Applicable

U.S. State Regulations
- California (Prop 65)
  - Does not contain chemicals known to the state of California to cause cancer.

Canadian Regulations:
- WHMIS (Classifications): Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F)
  Class F: Dangerously reactive material

International Regulations
- WHMIS ..... All components listed

Section 16: Other Information

The information and recommendations contained herein are, to the best of AMSOIL's knowledge and belief, accurate and reliable as of the date issued. AMSOIL makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and AMSOIL shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with AMSOIL's interpretation of the available data.