

MSDS 0055360

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 MSDS Last updated: 08/03/2011

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 5536 DIESEL TANK ADDITIVE W/ANTI-GEL
 IDENTIFICATION NUMBER: F01960 A-2160 DATE PRINTED: 08/18/10
 PRODUCT USE/CLASS: DIESEL FUEL ADDITIVE
 MANUFACTURED FOR: IMPERIAL, INCORPORATED
 789 ARMED FORCES DR.
 P.O. BOX 11008
 GREEN BAY, WISCONSIN 54307
 PHONE: 920-494-7474
 EMERGENCY TELEPHONE: 920-494-7474
 MON-FRI/8:00 AM - 5:00 PM

MANUFACTURED BY: AMERICAN JETWAY CORPORATION
 34136 MYRTLE STREET
 WAYNE, MICHIGAN 48184-0126

EMERGENCY AGENCY: CHEMTREC
 1-800-424-9300 (24 HOURS)

PREPARED: REGULATORY AFFAIRS, PHONE: , PREPARE DATE: 08/18/10

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WEIGHT %
01	AROMATIC HYDROCARBON	64742-95-6	40-50
02	1,2,4 TRIMETHYLBENZENE	95-63-6	20-30
03	KEROSENE	8008-20-6	10-20
04	POLYMERIC COLD FLOW INHIBITOR	MIXTURE	1-10
05	XYLENE	1330-20-7	1-10
06	1,3,5-TRIMETHYLBENZENE	108-67-8	1-10
07	CUMENE	98-82-8	1-10

EXPOSURE LIMITS

ACGIH ITEM	TLV-TWA	TLV-STEL	OSHA		COMPANY		SKIN
			PEL-TWA	PEL-CEILIN G	TLV-TWA		
01	25 PPM	150 PPM	25 PPM	N.E.	50 PPM		NO
02	N.E.	N.E.	N.E.	N.E.	N.E.		NO
03	400 PPM	N.E.	400 PPM	N.E.	N.E.		NO
04	N.E.	N.E.	N.E.	N.E.	N.E.		NO
05	100 PPM	150 PPM	100 PPM	N.E.	N.E.		NO
06	25 PPM	N.E.	N.E.	N.E.	N.E.		NO
07	50 PPM SKIN	N.E.	50 PPM SKIN	N.E.	N.E.		YES

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Combustible liquid and vapor. Aspiration hazard. HARMFUL OR FATAL IF SWALLOWED. MAY ENTER LUNGS AND CAUSE DAMAGE. May cause skin irritation. May cause eye irritation. Inhalation of vapors or mists of this product may be irritating to the respiratory system.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CONTACT WITH EYES MAY CAUSE IRRITATION. Moderately irritating to the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause irritation. May be absorbed through the skin with health effects parallel those of inhalation.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. INHALING LARGE QUANTITIES OF MIST OR VAPORS MAY CAUSE SOME IRRITATION TO NOSE, THROAT,

LUNGS. Avoid breathing mists from this product.

EFFECTS OF OVEREXPOSURE - INGESTION: Ingestion is not considered to be a hazard encountered in normal industrial use. This material may be harmful or fatal if swallowed. Aspiration hazard.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No Information.

PRIMARY ROUTE (S) OF ENTRY: SKIN CONTACT SKIN ABSORPTION INHALATION
INGESTION EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. Seek medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and large amounts of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Call physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 108 F LOWER EXPLOSIVE LIMIT: 0.9%
UPPER EXPLOSIVE LIMIT: 8.0%

AUTOIGNITION TEMPERATURE: ND

EXTINGUISHING MEDIA: ALCOHOL FOAM CO2 DRY CHEMICAL FOAM WATER
FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible Liquid. Can form explosive mixtures at temperatures at or above the flashpoint. "Empty" containers retain product 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, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Keep containers and surroundings cool with water spray. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use recommended personal protective equipment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self-contained breathing apparatus and appropriate personal protective equipment. (See Exposure Controls/Personal Protection Section) Do not flush into surface water or sanitary sewer system.

SECTION 7 - HANDLING AND STORAGE

AEROSOL LEVEL: NOT APPLICABLE

HANDLING: Wash thoroughly after handling. AVOID CONTACT WITH EYES, SKIN, CLOTHING. AVOID BREATHING SPRAY MIST. PROMPTLY CLEAN RESIDUE FROM CLOSURES WITH CLOTH DAMPENED WITH WATER. PROMPTLY CLEAN UP SPILLS. Use only in well-ventilated area.

STORAGE: Keep from heat, sparks and flame. Keep container closed when not in use. KEEP OUT OF THE REACH OF CHILDREN!

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Impervious gloves should be used.

EYE PROTECTION: Wear safety glasses with side shields or goggles when using this product.

OTHER PROTECTIVE EQUIPMENT: STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE:	281 - 522 F	VAPOR DENSITY:	Is heavier than air
ODOR:	KEROSENE	ODOR THRESHOLD:	ND
APPEARANCE	AMBER LIQUID	EVAPORATION RATE:	Is faster than Butyl Acetate.

SOLUBILITY IN H₂O: NEGLIGIBLE

FREEZE POINT: ND

SPECIFIC GRAVITY: 0.8770

VAPOR PRESSURE: ND

pH @ 0.0 %: NA

PHYSICAL STATE: LIQUID

VISCOSITY: ND

COEFFICIENT OF ND

WATER/OIL

DISTRIBUTION:

VOC, % (wt): 100.00%

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: CONTACT WITH CHLORINE OR OTHER STRONG OXIDIZING AGENTS SHOULD ALSO BE AVOIDED. AVOID OPEN FLAMES AND HIGH TEMPERATURES. Avoid contact with strong oxidizing agents. ALL SOURCES OF IGNITION, WELDING ARCS, AND OPEN FLAMES.

INCOMPATIBILITY: MAY REACT WITH OXYGEN AND STRONG OXIDIZING AGENTS SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC. AVOID CONTACT WITH STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: SMOKE, FUMES, OXIDES OF CARBON, NITROGEN, SILICA, AND VARIOUS METAL OXIDES ARE POSSIBLE DECOMPOSITION PRODUCTS. Carbon Monoxide, carbon dioxide, smoke, fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD₅₀: 1400 mg/kg

PRODUCT LC₅₀: 10 ppm/7 HR/MOUSE

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD ₅₀	LC ₅₀
AROMATIC HYDROCARBON	8400 MG/KG RAT	NE

1,2,4 TRIMETHYLBENZENE	No Information	No Information
KEROSENE	>5000 MG/KG/RAT	>5000 MG/M3/4H/RAT
POLYMERIC COLD FLOW INHIBITOR	N.E.	N.E.
XYLENE	4300 MG/KG RAT	30000 MG/M3/MAMMAL
1,3,5-TRIMETHYLBENZENE	NE	4878 PPM/4H/RAT
CUMENE	1400 PPM/RAT	10 PPM/7H/MOUSE

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: THIS PRODUCT CONTAINS NAPHTHALENE, WITH 96 HOUR LC50 (FISH) TOXICITY OF 6.4 MG/L, WHICH IS A CHRONIC 2 MARPOL ANNEX III SUBSTANCE.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: NOT REGULATED

DOT TECHNICAL NAME:

DOT HAZARD CLASS: HAZARD SUBCLASS:

DOT UN/NA NUMBER: PACKING GROUP: RESP. GUIDE PAGE:

DOT EXEMPTIONS:

DOT SPECIAL INSTRUCTIONS:

SHIPMENTS OF THIS PRODUCT WHICH ARE PACKAGED IN CONTAINERS OR LESS THAN 119 GALLONS ARE NOT REGULATED BY 49 CFR 173.150 EXEMPTION.

IMDG SHIPPING INFORMATION: UN1268

IMDG PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.

IMDG TECHNICAL NAME:

IMDG HAZARD CLASS: 3 HAZARD SUBCLASS:

PACKING GROUP: III FLASH POINT, C: 42.2

IMDG EXEMPTIONS: LIMITED QUANTITY

IMDG SPECIAL INSTRUCTIONS:

MARINE POLLUTANT (YES/NO): Y

IATA SHIPPING INFORMATION: UN1268

IATA PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.

IATA TECHNICAL NAME:

IATA HAZARD CLASS: 3 HAZARD SUBCLASS:

PACKING GROUP: III

IATA EXEMPTIONS: LIMITED QUANTITY

IATA SPECIAL INSTRUCTIONS:

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR

1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA TITLE III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

-----CHEMICAL NAME-----	CAS NUMBER	WT/WT % IS LESS THAN
XYLENE	1330-20-7	1-10
CUMENE	98-82-8	1-10

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from United States:

-----CHEMICAL NAME-----	CAS NUMBER
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No information is available.

U.S. STATE REGULATIONS: AS FOLLOWS-

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

-----CHEMICAL NAME-----	CAS NUMBER
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No non-hazardous materials are among the top five ingredients.

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

-----CHEMICAL NAME-----	CAS NUMBER
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No non-hazardous ingredients are present in the product at greater than 3%.

CALIFORNIA PROPOSTION 65:

WARNING: The chemical (s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

-----CHEMICAL NAME-----	CAS NUMBER
NAPHTHALENE	91-20-3
ETHYLBENZENE	100-41-4

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: B3, D2B

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 08/18/10

REASON FOR REVISION: NEW PRODUCT

LEGEND: N.A. - Not Applicable, N.E. - Not Established,

N.D. - Not Determined

THIS MSDS IS NOT REPRODUCTION OR DISTRIBUTION

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.
<END OF MSDS>

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