



S O L T E X

SYNTHETIC OILS & LUBRICANTS
OF TEXAS, INC.

SOLTEX, INC.

3707 FM 1960 West, Suite 560

Houston, TX 77068

Phone: 281 587-0900 • Fax: 281 587-1998

www.soltexinc.com

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION		Hazardous Material Identification System	
SUPPLIER:	Soltex, Inc. 3707 FM1960 West, Suite 560 Houston, TX 77068	Health	[1]
EMERGENCY TELEPHONE NUMBERS:	Business Hours: 8:30a.m. - 5:00p.m. - (281) 587-0900 (USA) After Hours: (281) 587-0900 (USA) CANUTEC: (613) 996-6666 CHEMTREC: 1-800-424-9300	Flammability	[1]
		Reactivity	[0]
		Personal Protection	[h]
		WHMIS Rating	[N/A]
		WHMIS Controlled or Uncontrolled Product (C/U)	[U]

SUPPLIER:	Soltex, Inc.	PRODUCT CODE #
MATERIAL NAME:	PCA FS-310 Fuel Stabilizer	
MATERIAL USE:	Stabilizer for hydrocarbon fuels	

SECTION II – COMPOSITION AND INFORMATION ON INGREDIENTS			
Ingredients	Conc. % Wt/Wt	Toxicity Data LD ₅₀ /LC ₅₀	C.A.S. #
BENZENAMINE, N-PHENYL-, REACTION PRODUCTS WITH STYRENE AND 2,4,4- TIMETHYLPENTENE	>98	Not available	68921-45-9
DIPHENYAMINE	<2	Not available	122-39-4

SECTION III - PHYSICAL DATA

Physical State: Gas [] Liquid [X] Solid []

Odor and Appearance: AMBER LIQUID

Density/25°C: 0.970 g/cc Typical

Viscosity (150°C) ASTM3236: 12-18 cST TYPICAL

SECTION IV - FIRE OR EXPLOSION HAZARD

Flammability
Yes [] No [x]

Means of Extinction: CO₂, FOAM, DRY CHEMICAL.

Upper Flammability Limit: NOT AVAILABLE

Lower Flammability Limit: NOT AVAILABLE

Auto Ignition Temperature: NOT AVAILABLE

Hazardous Combustion Products: CO, CO₂

Flash Point (ASTM D92): 210°C TYPICAL

SECTION IV - FIRE OR EXPLOSION HAZARD (CONTINUED)

Explosion Data - Sensitivity to:

1) Mechanical Impact: NIL

2) Static Discharge: NIL

SECTION V - REACTIVITY DATA

Chemical Stability:	If no, under which conditions:
Stable [X]	NOT APPLICABLE
Unstable []	
Incompatibility To Other Substances	If so, which ones:
Yes [X] No []	Strong oxidizing agents such as permanganates, perchlorates and hydrogen peroxide.
Reactivity and under what conditions:	NOT AVAILABLE
Decomposition Products:	Oxides of carbon and nitrogen, small amounts of aromatic and aliphatic hydrocarbons.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry:	
1) Skin Contact:	Prolonged or repeated contact may cause skin irritation.
2) Eye Contact:	This product may irritate eyes upon contact.
3) Ingestion:	Ingestion of this product may be a hazard.
4) Skin sensitizer:	This product is not expected to be a skin sensitizer.
5) Inhalation:	Vapors generated from heat processes may be irritating.
Toxicologically Synergistic Materials:	NONE KNOWN
Effects of Acute Exposure to Material:	See remarks
Effects of Chronic Exposure to Material:	See remarks
Exposure Limit:	See remarks
Irritancy of Material:	See remarks

Remarks: Human patch testing has indicated that this material is not a skin irritant, fatiguing agent or skin sensitizer. This material has been evaluated in acute, subacute, and subchronic feeding studies in rats and dogs at levels as high as 10,000 ppm in the diet for up to 64 weeks. Although the report notes neurotoxic signs, degenerative changes in a number of organs (such as the liver) and effects on prothrombin time in rats, therapeutic experiments indicate that some of the effects may be the result of a nutritional deficiency.

Furthermore, the absence of many of these effects in the dog, particularly the pathology findings and the general signs of illness, suggest that many of the effects observed in the rat may be species specific. Product contains diphenylamine which may contribute to irritation. Diphenylamine may be absorbed through the skin in toxic amounts. Diphenylamine may cause methemoglobinemia and red blood cell damage.

Teratogenicity:	see remarks
Carcinogenicity:	NOT APPLICABLE
Mutagenicity:	NOT APPLICABLE
Reproductive Effects:	NOT APPLICABLE

Remarks: Effects of overexposure: Diphenylamines may be irritating to mucous membranes. Heating may generate vapors which can irritate the eyes and respiratory passages. Dust may be irritating to the upper respiratory tract. Drying of skin and mucous membranes leading to irritation may be possible from prolonged or repeated contact. Overexposure to vapors from heating the product may cause and/or skin irritation and respiratory tract irritation with symptoms such as, but not limited to, dizziness and flu-like symptoms. Diphenylamine is reported teratogenic in rats.

SECTION VII - PREVENTATIVE MEASURES

Personal Protective Equipment:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent.
Gloves.

Engineering Controls (eg. ventilation, enclosed process, specify):

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Leak and Small Spill Procedure:

Absorb with an inert material and put the spilled material in an appropriate waste container.

Large Spill Procedure:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Prevent entry into sewers, basements or confined areas; dike if needed.

SECTION VII - PREVENTATIVE MEASURES (CONTINUED)

Waste Disposal:

RECLAIM. DISPOSE OF BY LICENSED AND RECOGNIZED OPERATOR.

Storage Procedures:

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Store above 22°C (72°C) to prevent crystallization.

Handling Procedures:

Use under well ventilated conditions. Avoid breathing mist or vapor. Avoid repeated and prolonged eye and skin contact. Wash thoroughly after handling.

Special Shipping Requirements:

No special shipping requirement

Other Regulatory Controls:

Classification HCS (USA)

Class: Irritating substance.

Class: Target organ effects.

Federal and State

Regulations Illinois chemical safety act: diphenylamine

Rhode Island RTK hazardous substances: diphenylamine

Pennsylvania RTK: diphenylamine

Florida: diphenylamine

Minnesota: diphenylamine

Massachusetts RTK: diphenylamine
Massachusetts spill list: diphenylamine
New Jersey: diphenylamine
TSCA 8(b) inventory:
TSCA 8(a) PAIR: diphenylamine
TSCA 8(d) H and S data reporting: diphenylamine: 3-11-94
SARA 313 toxic chemical notification and release reporting: diphenylamine: 1%
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):
THIS PRODUCT DOES NOT CONTAIN A CHEMICAL KNOWN TO THE STATE TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.

NEW JERSEY RIGHT TO KNOW LABELING INFORMATION:
BENZENAMINE, N-PHENYL-, REACTION PRODUCTS
WITH STYRENE AND 2,4,4-TIMETHYLPENTENE

CAS 68921-45-9

DIPHENYAMINE

CAS 122-39-4

SECTION VIII - FIRST AID MEASURES

Specific First Aid Measures:

- 1) Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
- 2) Eye Contact: Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
- 3) Ingestion: Do not induce vomiting. Immediately give two glasses of water, a little at a time. Never give anything by mouth to an unconscious person. Call a physician. If vomiting occurs spontaneously, lower head below waist to prevent fluid from entering the lungs
- 4) Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

SECTION IX - SPECIAL NOTES

THIS MSDS REVISION HAS CHANGES IN THE FOLLOWING SECTIONS:

SECTION I - PRODUCT INFORMATION: Supplier Name

SECTION X - PREPARATION INFORMATION: Supplier Name, Date, Revision Number, Preparation Info. Address, Phone Number

SECTION X - PREPARATION INFORMATION

Prepared by: TECHNICAL DEPT.
Soltex, Inc.
3707 FM1960 West, Suite 560 Houston, TX 77068
Phone Number: 281 587 0900
Date: January 3, 2008; Revision Number (#1)

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