

**MATERIAL SAFETY DATA SHEET**

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SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Arizona Chemical Company
P.O. Box 550850
Jacksonville, FL 32255

24 Hour Emergency Assistance:
Chemtrec: 800/424-9300
Other Information: 800/733-1374

Product Name: SYLFAT™ DP8
Chemical Identity: Trade Secret
Generic Name: Tall Oil Pitch Residue
Chemical Family: Tall Oil Pitch
CAS Number: Confidential (See Section 15)

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SECTION 2 COMPOSITION/INFORMATION OF INGREDIENTS

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	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Exposure limit for total product	Not established	Not established

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SECTION 3 HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

Black viscous liquid with a mild odor.

ACCORDING TO ARIZONA CHEMICAL COMPANY'S INTERPRETATION OF THE OSHA HAZARD COMMUNICATION STANDARD, THIS PRODUCT IS NOT A HAZARDOUS SUBSTANCE.

POTENTIAL HEALTH EFFECTS:

EYE: Direct contact may cause mild irritation.

SKIN: Direct contact for prolonged periods of time may cause mild skin irritation. Danger of thermal burns if the material is stored at high temperature.

INHALATION: Inhalation of vapors from the heated product may cause mild irritation of the nose and throat in sensitive individuals.

INGESTION: Not a probable route of entry into the body.

SUBCHRONIC EFFECTS (Target Organ Effects): No effects known.

CHRONIC EFFECTS: No known effects.

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SECTION 4 FIRST AID MEASURES
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EYE CONTACT: In case of contact, flush eyes with plenty of water. Call a physician if signs of irritation appear or in case of contact with heated product.

SKIN CONTACT: As good industrial hygiene practice, at the end of each work shift, wash skin with plenty of soap and water. Call a physician if signs of irritation appear or in case of contact with heated product.

INHALATION: Remove to fresh air if effects occur from inhalation of vapors from the heated product. If symptoms persist, call a physician. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

INGESTION: Emergency care should not be needed. If swallowed, obtain medical advice.

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SECTION 5 FIRE FIGHTING MEASURES
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Flash point: >201°F (Cleveland Open Cup)
Upper/lower flammable limits: Unknown
Autoignition temperature: Unknown
Flammability classification: Non-hazardous
Flame propagation rate: Not applicable
Extinguishing media: Water fog, foam, carbon dioxide or dry chemical.
Special precautions: Toxic gases such as carbon monoxide may be released during fire. Use positive-pressure, self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion
Hazards: None known to Arizona Chemical Company.

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SECTION 6 ACCIDENTAL RELEASE MEASURES
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Large spills: In a clean area, dike and recover for reuse. Dispose of contaminated material.

Small spills: Mix with absorbent material and dispose.

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SECTION 7 HANDLING AND STORAGE
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Use with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid inhalation of vapors and fumes from the molten product.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EYES: Use safety glasses. An eye wash is recommended.

SKIN: As good industrial hygiene practice, impervious (for example, nitrile) gloves are recommended. Heat-resistant gloves and other protective clothing should be worn to prevent body contact when handling heated product.

INHALATION: For normal operations, no respiratory protection is required. For high concentrations of vapors from the heated product, an air purifying respirator designed for organic vapors should provide adequate protection.

ENGINEERING CONTROLS: For the product at ambient temperatures, use adequate ventilation. For the heated product, use exhaust ventilation to remove vapor.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/state: Black viscous liquid
Odor: Mild
Ph: Not applicable
Vapor Pressure: <0.001 mm Hg at 20°C (68°F)
Vapor density: Not applicable
Boiling point: Not determined
Pour point: 98.6°F (37°C)
Solubility in water: <0.1% at 25°C (77°F)
Specific gravity: 1.2 at 25°C/25°C (water=1.00); 0.96 @ 100°C
Evaporation rate: Approx. 0 (n-BuAc=1)
% Volatile by weight: 0 estimated

SECTION 10 STABILITY AND REACTIVITY

Chemical stability: Stable under normal temperatures and pressures.

Conditions to avoid: This product is not reactive with water.

Chemicals to avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur under normal temperatures and pressures.

Hazardous Decomposition Products: Thermal decomposition products include toxic oxides of carbon.

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SECTION 11 TOXICOLOGICAL INFORMATION
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This product is not on the International Agency for Research on Cancer (IARC) or National Toxicology Program (NTP) or OSHA lists of carcinogens or potential carcinogens.

TOXICITY DATA: The following data on test animals indicate that this product has low acute toxicity potential and is not a skin or eye irritant by OSHA criteria.

COMPONENT	ROUTE-SPECIES	TEST	DOSAGE	UNITS	IRRITATION DATA
Fatty Acids					
-Oleic Acid	Oral-rat	LD50	74	g/kg	Skin-rabbit Mild Eye-rabbit Mild
-Linoleic Acid	Oral-rat	LD50	>3.2	g/kg	Skin-rabbit Mild Eye-rabbit Mild
Rosin Acids	Oral-rat	LD50	7.6	g/kg	Skin-rabbit Slight irritant
	Oral-mouse	LD50	4.6	g/kg	

OTHER: Molten material can cause thermal burns.

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SECTION 12 ECOLOGICAL INFORMATION
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No data available

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SECTION 13 DISPOSAL CONSIDERATIONS
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Dispose of waste by incineration in accordance with all local, state and federal regulations.

Resource Conservation and Recovery Act (RCRA): This product is not included in the lists of hazardous substances (40 CFR 261.33), nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24).

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SECTION 14 TRANSPORT INFORMATION
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DOT - Department of Transportation Hazardous Materials Regulations

DOT Hazard Class: Not regulated
 DOT Proper Shipping Name: Not applicable
 Technical Name: Not applicable
 DOT Identification Number: Not applicable
 Packing Group: Not applicable

IF SHIPPED OVER 100° C (but less than product flash point): DOT Shipping Name: Elevated temperature liquid, n.o.s.; Hazard Class: 9; UN/NA Number: UN3257; Packing group III (bulk shipping requires "HOT" placard).

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SECTION 15 REGULATORY INFORMATION
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Toxic Substances Control Act (TSCA): All components of this product are on the TSCA Inventory.

SARA, Title III, Section 313 (40 CFR 372): This product contains the following substances which are reportable under SARA Toxic Chemical Release Reporting Regulations:

Chemical Name	CAS #	Wt%
None		

SARA 311/312 Hazard Categories: This product has the following hazard categories: None.

New Jersey Worker and Community Right To Know Act: This product contains the following top five ingredients:

Chemical Name	CAS or NJTS#	Wt%
Trade Secret	NJTS # 7255	100

Pennsylvania Worker and Community Right To Know Act: This product contains the following substances which appear on the Hazardous Substance List:

Chemical Name	CAS #	Wt%
None		

International Inventory Status: This product is either listed or exempt from listing on the following inventories: Europe EINECS.

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SECTION 16 OTHER INFORMATION
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Hazard Ratings: NFPA 1 Health 1 Fire 0 Reactivity

Revision Note: Revised Section 15.

Prepared by: L.M. Krzywanska

Title: Product Regulatory Technologist

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END OF MSDS