

WESTERN RESERVE CHEMICAL

4837 DARROW RD. PH# 330-650-2244

STOW, OHIO 44224 Fax# 330-650-2255

EMERGENCY TELEPHONE NUMBER: CHEMTREC 800-424-9300

MATERIAL SAFETY DATA SHEET

Westco CT-AM

Low temperature reaction product of diphenylamine and acetone.

CAS # Mixture

<u>1. Product Identifications</u>	<u>Weight, %</u>	<u>CAS#</u>
ADPA solid	94 min.	9003-79-6
Diphenylamine	6 max	122-39-4
<u>2. Physical Description/Properties</u>		
Specific Gravity:	1.15	
Melting Point (C° Min):	NA	
Appearance:	Gray to brown powder, flake or granule	
Odor:	Aromatic Amine	
Solubility:	Soluble in organic solvents. Insoluble in water.	
Volatiles %	<0.5	
Ash %	<0.5	
Flash point, TCC	180°C	

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3. Hazard Information

Keep away from heat, sparks and flame.

Eye irritant-Can cause redness, tearing and swelling.

Skin contact may cause allergic reaction. Diphenylamine can be absorbed through skin contact.

Inhalation may cause upper respiratory irritation.

Ingestion of large quantities can cause damage to the liver and kidneys.

4. First Aid Information

Skin: Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.

Ingestion: Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek immediate medical attention.

Eyes: Flush with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

5. Handling and Storage

Storage: Store in a cool, dry, well-ventilated area avoiding direct exposure to sunlight

Stability in storage: Two years

6. Employee Protection Recommendations

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

7. Toxicological Information

LD50 acute oral for rats: >5000mg/kg

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8. Fire and Explosion Data

Flash point:	Open cup (Cleveland) 180°C
Exposure standard limits:	Diphenylamine 10 mg/m ³ TLV/PEL
Extinguish Media:	Carbon Dioxide, foam, sand or dry chemical.

9. Reactivity

Chemical stability: Stable when stored in original container protected from heat and moisture.

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers, acids and alkalis.

Hazardous products of

Decomposition: Oxides of nitrogen and carbon.

10. Accidental Release and Disposal

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.

11. Transportation Information

DOT Status	Not regulated
DOT shipping name	None
DOT reportable qty. (lbs)	None
ICAO/IATA Status	Not regulated
Proper shipping name	None
UN/NA number	None
IMDG Status	Not regulated
TDG Canada	Not regulated

12. Regulatory Information

TSCA (USA):	All components are listed.
Canadian DSL:	All components are listed.
Canadian NDSL:	Not Applicable. Listed on the DSL.
EINECS/ELINCS (Europe):	All components are listed.

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US Regulatory Rules	
SARA Section 302:	None found
SARA 313 Chemical:	Diphenylamine
Other Regulations:	
California Proposition 65:	NONE
New Jersey Right-to-Know List:	Diphenylamine
Pennsylvania Right-to-Know List:	Diphenylamine
Florida Right-to-Know List:	Diphenylamine
Minnesota Right-to-Know List:	Diphenylamine
MA Right-to-Know List:	Diphenylamine
FDA Status:	Regulated for use under section 21 CFR 177.2600. Rubber articles intended for repeated use in contact with food.

13. Other Information

HMIS Classification Health 0 Flammability 1 Reactivity 0

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.

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