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MATERIAL SAFETY DATA SHEET

MSDS # PMC/RC/015/06

Updated on 02 - Jan - 2006
Product Name ACCINOX B
Revision Number +REV 08
UN Number 3077
CAS No. 9003-79-6

Health Hazard :	0
Fire Hazard :	1
Reactivity :	0
Personal Protection :	X

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: ACCINOX B

Address/Phone No : PMC Rubber Chemicals India Private Limited
Works & Registered Office:
103 G T Road West
PO: Rishra 712248, Dist : Hooghly
West Bengal, India
Tel : +91 33 26722515, Fax : +91 33 26721552

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION Acetone-diphenylamine condensation product, complex structure

Components :	CAS #	% (w/w)
ADPA solid	9003 - 79 – 6	≥ 94
Diphenylamine	122-39-4	≤ 6

3. HAZARDS IDENTIFICATION

Emergency overview Dark brown solid.
Not likely to pose acute health hazard.
Dust suspended in air in critical proportions and in presence of an ignition source may lead to an explosion hazard.

4. FIRST-AID MEASURES

Inhalation Remove patient from exposure.
Obtain medical attention if ill effects occur.

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- Skin Contact** Remove contaminated clothing. Wash skin liberally with soap and water.
If symptoms (irritation or blistering) persist obtain medical attention.
- Eye Contact** Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
- Ingestion** Do not induce vomiting.
Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Combustible. Dust may form explosive mixture in air.
Flash point (closed cup) 180°C (solid form)
Combustion or thermal decomposition will evolve very toxic, irritant and extremely flammable vapours.
Combustion products: Nitrogen oxides, carbon monoxide, carbon dioxide.

Extinguishing Media: Water fog, foam, dry powder or CO₂.

Fire Fighting & Protective Equipment: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear suitable protective equipment.
Avoid contact with eyes & skin.

Environmental precautions : Do not allow to enter drains, sewers or watercourses.

Methods for cleaning up : Sweep up & collect in a suitable container for disposal or recovery.

7. HANDLING AND STORAGE

7.1 HANDLING

Avoid contact with skin and eyes.
Other precautions : If fine dust is formed , avoid dispersion of dust in air to reduce fire & explosion hazard

7.2 STORAGE

Suitable containers laminated paper bags with polyethelene liner.
Keep away from oxidising agents, acids, alkalis, moisture, heat and direct sunlight.

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Storage requirements : Store in a cool, dry place away from sunlight.
Storage Temperature : Ambient.
Storage Life : 1 year(s)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear suitable gloves and eye/face protection.
Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

Occupational Exposure Limits

No occupational exposure limit listed but 5 mg/m³ total dust is recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid (rods/powder)
Colour	Dark brown
Odour	Characteristic
pH (Value)	No data.
Boiling Point (Deg C)	No data.
Softening Point (Deg C)	85 – 105
Flash Point (Deg C)	180 ⁰ C closed cup (solid form)
Flammable Limits	No data.
Auto Ignition	
Temperature (Deg C)	No data.
Explosive Properties	No data.
Oxidising Properties	No data.
Vapour Pressure (Ps)	No data.
Solubility (Water)	Insoluble
Solubility (Other)	Soluble in acetone, toluene
Partition Coefficient	No data.
Specific Gravity	1.14

10. STABILITY AND REACTIVITY

Stability : The product is stable under normal storage & handling conditions
Instability temp : No data
Conditions of instability : No data
Incompatible with strong mineral acids and oxidising agents

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Hazardous Decomposition Product(s) : Oxides of Nitrogen and carbon

Corrosivity: No data
Special remarks on reactivity: No data
Hazardous polymerisation : Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	LD50 (Rat) >5000 mg/kg
General	No adverse effects are expected under normal conditions of use
Inhalation	Unlikely to be hazardous by inhalation unless heated. Combustion or thermal decomposition will evolve very toxic and irritant vapours.
Skin Contact	Not expected to be a skin irritant. Dust may cause skin irritation.
Eye Contact	Not expected to be an eye irritant. Dust may cause irritation.
Ingestion	Acute oral LD50 (rat) for solid form > 5,000mg/kg
Sensitisation	No information is available
Chronic effects on Humans	Carcinogenic effects No data Mutagenic effects No data Developmental toxicity No data Reproductive toxicity No data
Remarks	Excessive exposure to any dust may aggravate pre-existing respiratory conditions

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data
BOD & COD	No data

Products of biodegradation: Hazardous short-term degradation products are not likely, but long term degradation products are likely.

Toxicity of the products of biodegradation No data

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

