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**MATERIAL SAFETY DATA SHEET**

**MSDS # PMC/RC/017/06**

Updated on **08 - Nov - 2006**  
Product Name **ACCINOX BL 75S**  
Revision Number **+REV 08**  
UN Number **3077**  
CAS No. **68412 - 48 - 6**

<b>Health Hazard :</b>	<b>1</b>
<b>Fire Hazard :</b>	<b>1</b>
<b>Reactivity :</b>	<b>0</b>
<b>Personal Protection :</b>	<b>X</b>

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

**PRODUCT NAME: ACCINOX BL 75S**

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 75%  
(w/w)  
(CAS No. 68412-48-6)  
adsorbed in pptd Silica 25% (w/w)  
(CAS No.7631-86-9)

<b>HAZARDOUS INGREDIENT(S)</b>	<b>CAS No.</b>	<b>%(w/w)</b>
ADPA	68412-48-6	>50
Pptd Silica	7631-86-9	25
DPA	122-39-4	<20

**3. HAZARDS IDENTIFICATION**

May cause irritation to skin and eyes.

**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) occur obtain medical attention.
Eye Contact	Irrigate immediately with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention if irritation persists.
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.

#### **Further Medical Treatment**

Symptomatic treatment and supportive therapy as indicated.

### **5. FIRE-FIGHTING MEASURES**

Combustible.

Dust may form explosive mixture in air.  
Combustion or thermal decomposition will evolve very toxic, irritant and extremely flammable vapours. Combustion products nitrogen oxides, carbon monoxide, carbon dioxide.

Extinguishing Media : water spray, foam, dry powder or CO<sub>2</sub>.

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

### **6. ACCIDENTAL RELEASE MEASURES**

Observe government regulations.  
Do not allow to enter drains, sewers or watercourses.  
Adsorb spillages onto sand, earth or any suitable adsorbent material.  
Transfer to a container for disposal or recovery.

### **7. HANDLING AND STORAGE**

#### **7.1 HANDLING**

Avoid contact with skin and eyes.

## 7.2 STORAGE

Suitable containers : HDPE laminated paper bags with polythene liner.  
Keep away from oxidising agents, acids, alkalis, moisture, heat and direct 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.  
See **OTHER INFORMATION**

### Occupational Exposure Limits

None published, but 5mg/m<sup>3</sup> for total dust is recommended.  
TLV/PEL ... DPA : TWA : 10 (mg/m<sup>3</sup>)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Free-flowing powder (staining)
Colour	Deep brown
Odour	Characteristic odour
pH (1% water extract)	6.75
Boiling Point (Deg C)	NA
Melting Point (Deg C)	NA
Flash Point (Deg C)	110°C
Flammable Limits	No data
Auto Ignition Temp	No data
Explosive Properties	No data.
Oxidising Properties	No data.
Vapour Pressure (Ps)	No data.
Solubility (Water)	Insoluble
Solubility (Other)	Partially soluble in acetone, toluene
Partition Coefficient	No data.
Specific Gravity	1.31 (typical)

## 10. STABILITY AND REACTIVITY

Incompatible with strong mineral acids and oxidising agents.

Hazardous Decomposition Product(s) : Oxides of carbon & nitrogen under burning conditions

## 11. TOXICOLOGICAL INFORMATION

Inhalation	Unlikely to be hazardous by inhalation unless heated. Combustion or thermal decomposition will evolve very toxic and irritant vapours.
Skin Contact	No information available. May cause skin irritation.
Eye Contact	No information available. May cause eye irritation.
Ingestion	Low toxicity if swallowed
Long Term Exposure	No information available.

See **OTHER INFORMATION**

## 12. ECOLOGICAL INFORMATION

Biodegradation:	Not-biodegradable. However long term degradation products may arise.
Acute Fish Toxicity :	LC50 (Orange Red Killifish) (48 hour) 5.1 mg/l EC50 (Daphnia Magna) (24 hour) 2.3 mg/l
Acute Algae Toxicity :	EC50 Algae (72 hr) 0.18 mg/l

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

IMDG Classification

Proper shipping name : Environmentally hazardous substance, Solid, N.O.S.

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Class : 9  
Subsidiary risk : Marine pollutant  
UN ID# : UN 3077  
Packing group : III

## 15. REGULATORY INFORMATION

Not Classified as Dangerous for Supply/Use.

EC Classification Toxic, Hazard Symbol T  
Dangerous for the environment, N



Risk Phrases : R 20/22 Harmful by inhalation & if swallowed  
R 23/24/25 Toxic by inhalation, in contact with skin and if Swallowed  
R 33 Danger of cumulative effects  
R 50/53 Very toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment

Safety Phrases S22 Do not breathe dust  
S24 Avoid contact with skin.  
S36 Wear suitable protective clothing.  
S60 This material and/its container must be disposed of as hazardous waste.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Chemical Inventory : Europe: This product is on the EINECS inventory  
US : This product is on the TSCA inventory

FDA : Food additive : No data available  
Food contact : No data available

## 16. OTHER INFORMATION

HMIS rating: Health: 1  
Flammability: 1  
Reactivity: 0  
PPI: X

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Legend	: 0(HMIS)	Minimal hazard
	1(HMIS)	Slight hazard
	2(HMIS)	Moderate hazard
	3(HMIS)	Serious hazard
	4(HMIS)	Severe hazard
	X(HMIS)	Personal protective rating to be supplied by user depending on the use conditions

Use : Antidegradant for rubber.

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