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MATERIAL SAFETY DATA SHEET

MSDS # PMC/RC/002/06

Updated on 02 - Jan - 2006
Product Name ACCIMEL E
Revision Number +REV 04
UN Number 3077
CAS No. 135-57-9

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

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

PRODUCT NAME: ACCIMEL E

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 Blend of Dibenzamido diphenyl disulphide (DBDS), an activator and dispersing agent.

CAS No. 135-57-9 (DBDS)

HAZARDOUS INGREDIENT(S)	CAS No.	Symbol	R Phrases
2,2'-dibenzamidodiphenyl disulphide (<50% w/w)	135-57-9	Xi, N	R43, R50/53

Additional Information : Contains kaolin and paraffin oil

3. HAZARDS IDENTIFICATION

This health hazard assessment is based on a consideration of the composition of this product.
Exposure to the dust may cause irritation to the eyes and respiratory tract.
May cause skin irritation.

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In common with many organic compounds in powder form it can produce flammable dust clouds in air.

4. FIRST-AID MEASURES

- Inhalation Remove patient from exposure. Obtain medical attention if ill effects occur.
- Skin Contact Wash skin with plenty of 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.
- 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

Requires only routine fire precautions

Combustible.

In common with many organic compounds in powder form it can produce flammable dust clouds in air.

Combustion will evolve very toxic, irritant and extremely flammable vapours. Combustion products carbon monoxide, carbon dioxide, nitrogen oxides and sulphur oxides.

Extinguishing Media Water spray, foam, dry powder or CO₂. Do not use water jet. (Avoid dust generation.)

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

6. ACCIDENTAL RELEASE MEASURES

Do not allow to enter drains, sewers or watercourses.
Control dust formation. (See ' Fire fighting measures' .)
Collect spillages by mechanical means.
Transfer to a container for disposal or recovery.

7. HANDLING AND STORAGE

7.1 HANDLING

Control dust formation. (See ' Fire fighting measures' .)

Avoid contact with skin and eyes.

Avoid inhalation of high concentrations of dusts. Atmospheric concentrations should be minimised and kept as low as reasonably practicable.

7.2 STORAGE

In common with many organic compounds in powder form it can produce flammable dust clouds in air. Take precautionary measures against static discharges.

Keep away from oxidising agents, acids, alkalis, moisture, heat and direct sunlight.

Suitable containers : High density polyethylene (HDPE) laminated paper bags with polythene liner inside.

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 high levels of dust are likely.

Occupational Exposure Limits

No occupational exposure limit assigned, but 6 mg/m³ for total dust is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder / pellets
Colour	Pale grey to greenish grey
Specific gravity	2.2 @ 25° C
Odour	Slight inherent odour
pH (Value)	No data.
Boiling Point (Deg C)	Not applicable.
Melting Point (Deg C)	136 - 144 (active ingredient).
Flash Point (Deg C)	No data.

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Flammable Limits	No data.
Auto Ignition	
Temperature (Deg C)	No data.
Explosive Properties	In common with many organic compounds in powder form it can produce flammable dust clouds in air.
Solubility (Water)	Insoluble
Solubility (Other)	Chloroform (Partly soluble)

10. STABILITY AND REACTIVITY

Chemical Stability	Stable when stored at NTP in closed containers. Stable under normal conditions of handling, use & transportation.
Hazardous Polymerisation	Will not occur.
Conditions to Avoid	Keep away from heat, sparks and flame. Avoid Dispersion of dust. Avoid contact with strong oxidants.
Materials to Avoid	Oxidising agents, acids and alkalis.

Hazardous Decomposition Product(s) : See ' Fire fighting measures' .

11. TOXICOLOGICAL INFORMATION

This health hazard assessment is based on a consideration of the composition of this product.

Oral	Acute Oral LD50 (Rat)	>8000 mg/kg
Dermal	Acute Dermal LD50 (Rabbit)	>20000 mg/kg

Inhalation High concentrations of dust may be irritant to the respiratory tract. Combustion or thermal decomposition will evolve toxic and irritant vapours.

Skin Contact May cause skin irritation. Positive sensitiser (Guinea Pig)

Eye Contact May cause eye irritation & redness.

Ingestion May cause irritation.

Long Term Exposure Repeated skin contact may cause sensitisation
Repeated exposure by inhalation may produce adverse effects on the lungs

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Carcinogenicity No data.
Genotoxicity No data.
Reproductive/
Developmental
Toxicity No data.

12. ECOLOGICAL INFORMATION

Acute Fish Toxicity 96 hr LC50 Rainbow Trout > 20 mg/l
48 hr EC50 Daphnia Magna >0.2 mg/l
Acute Algae Toxicity 96 hr EC50 Algae > 20 mg/l
Octanol/Water Coefficient Log P = 4.0

Persistence and degradability Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains, watercourses or where ground/surface waters may be affected. Disposal should be in accordance with local, state or national legislation.

Contaminated packaging should also be treated as per local/national regulations.

14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

UN Number 3077
Class 9
Packing Group III
Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
SOLID, N.O.S

Marine Pollutant Not classified as a Marine Pollutant

15. REGULATORY INFORMATION

EC Classification: Irritant, Hazard Symbol Xi

Dangerous for the Environment, N



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Risk Phrases: R43:May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms and may cause long-term effects in the aquatic environment.

Safety Phrases: 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.

16. OTHER INFORMATION

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

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 : Viscosity Regulator for elastomers, peptising agent.

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