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MATERIAL SAFETY DATA SHEET

MSDS # PMC/RC/001/06

Updated on 02 - Jan - 2006
Product Name ACCIMEL
Revision Number +REV 04
UN Number 3077
CAS No. 22441-21-0

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

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

PRODUCT NAME: ACCIMEL

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2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION Blend containing pentachlorothiophenol disulphide (PCTS) with activator and dispersing agent

CAS No. 22441-21-0(PCTS)

HAZARDOUS INGREDIENT(S)	CAS No.	Symbol	R Phrases
Pentachlorothiophenol disulphide (<50% w/w)	22441-21-0	N	R 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.

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 15 minutes. Always 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

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 phenol derivatives, 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 A self contained breathing apparatus and suitable

Protective Equipment :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 : 1-2 year(s) under normal conditions of storage

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder / pellets
Colour	Pale grey/greenish grey
Odour	No discernible odour
Specific gravity	2.2 @ 25°C
pH (Value)	NA
Boiling Point (Deg C)	Not applicable.
Melting Point (Deg C)	160 -170 (active ingredient).
Flash Point (Deg C)	No data.
Flammable Limits	No data.

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Auto Ignition Temp. (°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)	Thiophenol derivatives
See ' Fire fighting measures' .	

11. TOXICOLOGICAL INFORMATION

This health hazard assessment is based on information available on similar products.

An LDLo – (Lowest published lethal dose) by the intraperitoneal route in the mouse of >4500mg/kg has been reported.

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.

Eye Contact Dust may cause irritation.

Ingestion No information available. Ingestion may cause irritation of the Gastro-intestinal tract.

Long Term Exposure Possible respiratory sensitiser. Repeated exposure by inhalation may produce adverse effects on the Lungs.

12. ECOLOGICAL INFORMATION

No information on this formulation.

WGK1 (Self classification) : Slightly hazardous to water

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

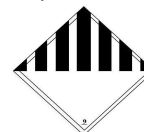
Not Classified as Dangerous for Transport.

UN No : 3077

Class : 9

Packing Group III

Proper Shipping Name : Environmentally Hazardous Substance, Solid, N.O.S



Class 9

15. REGULATORY INFORMATION

Not Classified as Dangerous for Supply/Use.

Dangerous for the Environment, N



Risk Phrases: R53 May cause long-term adverse 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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