



Material Safety Data Sheet

Phlamoon-102

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Section 1 : Chemical Product Identification

Commercial product name: Decabromodiphenyl Ethane

Chemical formula : C₁₄ H₄ Br₁₀

CAS no : 84852-53-9

Section 2: Composition, Information on Ingredients

Chemical name	CAS no.	Bromine %	I
Decabromodiphenyl Ethane	84852-53-9	> 81.5	

Section 3: Hazards Identification

TOX. : NO.

Section 4: The First Aid Measures

Ingestion : Wash out mouth with water.

Inhalation : Remove victim to fresh air. Consult a doctor.

Skin contact : Wash off with water and soap.

Eye contact : Wash out with plenty of water. Consult a doctor.

Section 5: Fire Fighting Measures

Flame retardant

Explosion hazards: None

Section 6: Accident release measures

Personal Precautions: Avoid skin contact and take orally

Environmental Precautions: Avoid breakage of packages

Spill control/Clean up: Solid spillage should be picked up with an industrial vacuum cleaner and disposed of in accordance with local regulations.

Section 7: Handling and Storage

Handling : Take the usual precautions.

Storage : Store away from highly flammable substances. Keep in a dry place.

Other requirements : Prevent dispersion of dust.

Section 8: contact control / personal protection

Technical Protective Measures: Not applicable. **Exposure**

Control Limits: Not applicable.

Respiratory protection: Wear a gauze mask.

Hand Protection: Wear rubber gloves. **Eye**

Protection: Wear dustproof glasses. **Skin**

Protection: Wear overalls.

Section 9: physicochemical characteristics

Melting point:>345°C

Appearance: White powder

Flammability: no

Oxidising properties: none

Flash point: no flash point

Explosive properties: none

Bulk Density(20°C): Packed1.75g/cm³

Aerated: 0.86g/cm³

Average partical size : 5micron

Section 10: Stability and Reaction Activity

Thermal Stability: decomposed at 420°C

Conditions to Avoid: None

Materials reactions: acid matter

Hazardous reactions: none

Hazardous Decomposition Products: -

Section 11: toxicology information

LD50Acute oral for rats: >15000mg/kg

for dogs: >2500mg/kg

LD50 Acute dermal for rabbits: >10000mg/kg

for rats: >2000mg/kg

Sensitization: ____

Carcinogenicity: Negative

Teratogenicity: Negative

Mutagenicity: Ames test shows negative result.

Section 12: Ecological Information

Ecological toxicology toxicity: no data

Biodegradation: no data

Non biodegradable: no data

Biological enrichment or biological accumulation: no data

Other deleterious effects: no data

Section 13: waste disposal

Product/Waste disposal: Must be disposed of by special means

EG. Suitable incineration: in accordance with local regulations.

Section 14: Transport Information

Packing in sea worthy woven pp bag

Section 15: Regulatory Information

Safety Phrases: Keep out of reach of children.

Keep away from food, drink and animal feeding stuffs.

Section 16: Other Information

No data.