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SUBJECT: Registration Standard - Sulfuryl Fluoride

Attached is a copy of EER's Topical Summary, Disciplinary Review, and a Data Evaluation Record.

Ken Clark  
Agronomist  
Ecological Effects Branch  
Hazard Evaluation Division (TS-769C)
Ecological Effect
Topical Discussion

No studies were received, however, EEB does not require studies for a gaseous product with a strictly indoor use.

Precautionary Labeling

Because of the toxic nature of this product, shown in the mammalian studies from toxicology, EEB requires the precautionary labeling statement stated in the Disciplinary Chapter under the Ecological Effects Labeling Requirements.

Sulfuryl Fluoride
Disciplinary Chapter
Ecological Effects Profile
Toxicity Data

No data on the toxicity of Sulfuryl Fluoride on terrestrial and aquatic organisms was submitted.

Ecological Effects - Hazard Assessment

Because of the currently registered use as a fumigant for barns, stored gains and domestic dwellings, no hazard assessment will be conducted on either the manufacturing use or the end use products.

Endangered Species Consideration

Because of the currently registered use patterns no exposure is expected.

Ecological Effects Labeling Requirements

EEB proposes the following labeling for the environmental hazards section of the indicated labels.

Manufacturing Use Products

"This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying in writing the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA".

End Use Products

No labeling is prescribed.
Section 3(c)(2)(R)

Data Requirement

Paths/Graphic Data To Be Submitted

Pattern

Selective (Yes, No) or Partial (Yes, No)

Composition I/Indoor

Use of Particulate Matter

Data Requirement

Generic Data Requirements for Sulfuric Acid