

REGISTRATION PACKAGE COMPILED

Applicant submits data package to EPA Office of Pesticide Programs, Registration Division

Data may include:

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|------------------------------|--------------------------------------|---|
| Formulation data | Aerobic soil metabolism | Lifetime mouse feeding |
| Analytical methods | Anaerobic aquatic metabolism | Mutagenicity: dominant lethal gene test |
| Boiling point | Anaerobic soil metabolism | Mutagenicity: heritable translocation |
| Chemical nomenclature | Ecosystem study | Teratology: rat & rabbit |
| Color | Hydrolysis | Reproduction |
| Corrosiveness | Leaching, adsorption, decomposition | Sub-chronic rat & dog feeding |
| Explosiveness | Off target movement | Hazards to nontarget plants & animals |
| Flammability | Photodegradation: water, soil, & air | Aquatic ecosystem |
| Manufacturing process | Rotational crop residue & response | Avian oral studies |
| Melting point | Soil dissipation | Bee studies |
| Odor | Water dispersal | Beneficial insects |
| PH | Crop residue & exposure data | Bioaccumulation |
| Purity of materials | Hazards to human & domestic animals | Biophyll & insect toxicity |
| Solubility | Acute delayed neurotoxicity | Catfish accumulation |
| Specific gravity | Acute oral toxicity | Crab toxicity |
| Stability | Acute inhalation toxicity | Daphnia toxicity |
| Storage stability | Eye irritation | Fish & invertebrate life cycle |
| Structural formula | Dermal irritation | Mallard & quail dietary toxicity |
| Vapor pressure | Dermal sensitization | Mallard & quail reproduction |
| Environmental chemistry data | Excretion, metabolism, accumulation | Marine fish toxicity |
| Adsorption | First aid & antidote | Microbials |
| Anaerobic aquatic metabolism | Lifetime rat feeding | Oyster, shrimp, and worm toxicity |

EPA EVALUATION & APPROVAL PROCESS

Registration support & emergency response branch
Log-in petition & application
Review for completeness
Assign to appropriate product manager
Process section 18 exemptions

Product manager
Assemble decision package
Final scientific review
Final administrative review
Prepare notice for *Federal Register*
Notify applicant when approved
Submit notice to *Federal Register*
Publish notice of registration

Product manager
Detailed review of petition & application
Assign & coordinate appropriate scientific review
Set priorities and timetables
Coordinate administration actions
Communicate with applicant
Process section 24(c) registrations

Technical evaluation
Review data
Evaluate health & safety
Prepare risk assessment
Assess environmental consequences
Establish tolerances for all registration
Product regulatory actions

Technical support section

Approximately 1-2 years

COMMERCIAL LABEL ACCEPTED