

# INSIGHT PHARMACEUTICALS CORPORATION

550 Township Line Road, Suite 300  
Blue Bell, PA 19422

## MATERIAL SAFETY DATA SHEET

March 14, 2003

### 1. Substance Identification

Product Name: NIX® Lice Control Spray  
Synonyms:  
Manufacturer/Supplier: Insight Pharmaceuticals Corporation  
550 Township Line Road, Suite 300  
Blue Bell, PA 19422  
USA

Additional Information: This Material Safety Data Sheet conforms to 91/155/EEC and 93/112EEC.

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### 2. Composition/Data on Ingredients

Chemical Characterization:

Dangerous Components: 52645-53-1 permethrin <1.0%  
Xn; R 22

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### 3. Hazards Identification

Hazard Description:  
W-L Occupational Hazard Labels: Possible Eye, Skin and Respiratory Irritant  
Information for Consumer Use: Use only as directed by product packaging. Keep out of reach of children. For external use only.  
Classification System: The information in this data sheet is consistent with current EU regulations and has been expanded by internal Insight Pharmaceuticals labeling.  
Additional Information: If you do not understand the hazards or safety precautions described in this data sheet, contact Insight Pharmaceuticals Corporation before handling this product.

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### 4. First Aid Measures

Eye Contact: In case of accidental contact, immediately flush eyes with water. Hold eyelids open to ensure adequate flushing. Get medical assistance if strong or persistent irritation or other symptoms develop.  
Skin Contact: In case of accidental contact, immediately remove contaminated clothing and wash affected area with soap and water. Get medical assistance if strong or persistent irritation or other symptoms develop.  
Ingestion: In case of accidental ingestion, administer 1-2 glasses of milk or water to dilute ingested material. Get medical assistance.  
Inhalation: Remove victim to fresh air. Administer oxygen if breathing is difficult. Administer artificial respiration if breathing has stopped. Get medical assistance if irritation or other symptoms develop.

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## 5. Fire Fighting Measures

Suitable Extinguishing Agents: CO<sub>2</sub>, extinguishing powder or water spray.  
Fire Hazards: This material is not a fire hazard under normal conditions of use.  
Protective Equipment: Wear appropriate protective equipment, including self contained breathing apparatus (SCBA), during all fire fighting activities.

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## 6. Accidental Release Measures

Measures for Environmental Protection: No special measures required.  
Measures for Cleaning/Collecting: Collect small spills with a clean towel or mop. Place in an appropriate container for disposal.

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## 7. Handling and Storage

Handling: Handle as directed by product packaging. Manufacturing operations may require special handling procedures to limit exposure to this material or its ingredients. Contact your supervisor or safety administrator for more information.  
Storage: Store as directed by product packaging.

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## 8. Exposure Controls and Personal Protection

Engineering Controls: Manufacturing operations may require the use of engineering controls to limit exposure to this material or its ingredients. Contact your supervisor or safety administrator for more information. Ensure that emergency eyewash and shower facilities are available.  
Personal Protective Equipment: Manufacturing operations may require the use of personal protective equipment to limit exposure to this material or its ingredients. Contact your supervisor or safety administrator for more information.

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## 9. Physical and Chemical Properties

Form: Liquid  
Color: White  
Flash Point: > 78° C  
Density: at 20° C, 1.000 g/cm<sup>3</sup>  
Solubility:  
Water: Soluble  
Organic Solvents: No data available  
pH value: at 20° C, 7.0

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## 10. Stability and Reactivity

Stability: This material is stable under normal conditions of use.  
Dangerous Reactions: No dangerous reactions known.  
Hazardous Decomposition Products: No dangerous decomposition products known.

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### 11. Toxicological Information

Acute/Subacute Toxicity: 52645-53-1 permethrin  
Oral: LD<sub>50</sub> 424 mg/kg (mouse)  
LD<sub>50</sub> 383 mg/kg (rat)  
Dermal: LD<sub>50</sub> >2000 mg/kg (rabbit)  
Inhalation: LC<sub>50</sub> 685 mg/m<sup>3</sup> (rat)  
Additional Information: Acute Toxicity Data for the Formulated Product:  
Oral LD<sub>50</sub> (rat): >5000 mg/kg  
Dermal: LD<sub>50</sub> (rat): >2000 mg/kg  
Inhalation 4 hr. LC<sub>50</sub> (rat): >3942 mg/m<sup>3</sup>

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### 12. Ecological Information

Persistence & Biodegradability: This material is not persistent in the environment.  
Mobility & Bioaccumulation: This material is not expected to accumulate in aquatic organisms.  
Ecotoxicological Effects:  
Aquatic Toxicity: The concentrate of this material is very toxic to fish and other aquatic life. Data are not available on the aquatic toxicity of the final diluted mixture.

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### 13. Disposal Considerations

Disposal: There are not special disposal requirements for this material.

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### 14. Transport Information

Additional Information: This material is not regulated for transportation.

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### 15. Regulatory Information

United States Regulations:  
OSHA Hazard Communication Labels: Possible Eye, Skin and Respiratory Irritant

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### 16. Other Information

Disclaimer: The information included in this data sheet is based on currently available scientific information and is accurate and reliable to the best of our knowledge. Insight Pharmaceuticals Corporation makes no other warranties, expressed or implied, and assumes no responsibility for liability for injury or damage caused by the material if reasonable safety procedures are not followed as specified in this data sheet.