



Imazapyr PRODUCT DATA SHEET

Version 2.0

Revision Date: 10/10/2011

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| Product Name: | Imazapyr |
| Product Number: | I012 |
| CAS Number: | 81334-34-1 |
| Chemical Formula: | C ₁₃ H ₁₅ N ₃ O ₃ |
| Molecular Weight: | 261.28 g/mol |
| Appearance: | White to tan powder |
| Solubility | In water 9.74mg/l (15 °C); 11.3g /l, acetone 6g /l, ethanol 72g /l, methyl alcohol 230g /l, toluene 3g /l. (25°C) |
| Description: | Imazapyr is a non-selective herbicide used for the control of a broad range of weeds including terrestrial annual and perennial grasses and broadleaved herbs, woody species, and riparian and emergent aquatic species. Imazapyr is also used in proteomics research. Additionally, Imazapyr is used to control annual and perennial grass and broadleaved weeds, brush, vines, and many deciduous trees. Imazapyr is absorbed by the leaves and roots, and moves rapidly through the plant. It accumulates in the meristem region (active growth region) of the plant. In plants, imazapyr disrupts protein synthesis, and interferes with cell growth and DNA synthesis. Imazapyr can be applied either before or after weeds emerge. Use at 2 to 6 pints/acre. |
| Storage Temperature: | 2-8°C |