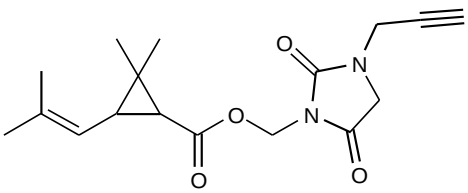
TECHNICAL DATA SHEET

Trade name : IMIPROTHRIN MUP

CHEMICAL IDENTIFICATION

Nomenclature

ISO	:	Imiprothrin
IUPAC	:	[2,5-dioxo-3-(prop-2-yn-1-yl)imidazolidin-1-yl]methyl-2,2-dimethyl-3-(2-methylprop-1-en-1-yl)cyclopropanecarboxylate
CA name	:	Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propen-1-yl)-,[2,5-dioxo-3-(2-propyn-1-yl)-1-imidazolidinyl]methyl ester
Others	:	Imiprothrin

CAS number	:	72963-72-5
EC number	:	428-790-6
Molecular formula	:	$C_{17}H_{22}N_2O_4$
Molecular weight	:	318.41
Structural formula (unspecified stereochemistry)	:	

PRODUCT SPECIFICATIONS

Purity (ENDQC-92a method by HRGC)	:	**50.0 (±4) % w/w**
Isomeric distribution		
Sum of trans isomers of Imiprothrin	:	80.0 (±5) %*
Sum of d-isomers of Imiprothrin	:	95.0 % min.*
Acidity number (ENDQC-96 method)	:	5.0 mg KOH/g max.
Appearance (ENDQC-94 method)	:	Pale to dark yellow transparent liquid free from extraneous materials

* Relative % of isomers

NOTE: Endura reserves the right to make amendments to the data reported in this sheet either in compliance to any official body's updating or in agreement with Internal Company decisions.
The reported information is, to the best of our knowledge, as accurate and complete as possible and is given in good faith but without warranty from our part. Any use for Registration purposes must be authorised by Endura in advance.

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ADDITIONAL INFORMATION

Odour	:	Slightly sweet odour
Density	:	0.98 g/cm^3 at 20 °C
Solubility	:	Practically insoluble in water Soluble in most common organic solvents

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