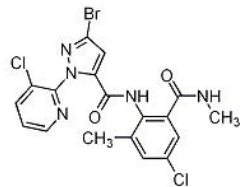


TECHNICAL DATA SHEET OF

Chlorantraniliprole 35% WG

Chemistry identity	
Common name	Chlorantraniliprole 35% WG
IUPAC name	3-bromo-N-[4-chloro-2-methyl-6-(methylcarbamoyl)phenyl]-1-(3-chloropyridin-2-yl)-1H-pyrazole-5-carboxamide; 3-bromo-4'-chloro-1-(3-chloro-2-pyridyl)-2'-methyl-6'-(methylcarbamoyl)pyrazole-5-carboxanilide
CAS No	500008-45-7
Formula structure	
Physical and chemical properties	
Appearance	Off-white columnar particles
Content	35% min.
pH	5.0-8.0
Solubility in water	Disperse in water
Mammalian toxicity	
Acute oral	Acute oral LD50 for rats>5000 mg/kg (for Chlorantraniliprole TC)
Acute dermal	Acute percutaneous LD50 for rats >5000 mg/kg. (for Chlorantraniliprole TC)
Acute inhalation	LC50 (4 h) for male and female rats >5.1 mg/l (for Chlorantraniliprole TC)
Environment fate	Animals Extensively metabolised by hydroxylation of the N-methyl group followed by N-demethylation, hydroxylation of the toluene methyl group, and cyclisation with loss of water to form a quinazolinone derivative. Plants Very little degradation was observed in primary and rotational crops. Unchanged parent chlorantraniliprole was the major identified residue. Soil/Environment Degrades in the environment with DT50 <2-12 mo; shorter half-lives occur with crop cover. Sequestered in soil and so has limited mobility. Degradation is mainly chemical, with a single major degradate which is not active and does not leach. Koc 244-464 l/g
Handling and storage	Handling: Keep container closed when not in use. Handle and open container in a manner as to prevent spillage. Do not contaminate water, food or feed by storage, disposal or by cleaning equipment. Do not reuse empty container. Storage: Store in a tightly closed container in a cool, dry place. Do not contaminate water, food or feed by storage or disposal.
Package	25kg drums or customized package