

KONOL Series

“Emulsifier for Emulsion Concentrate”

(Characteristic)

- ❖ By adding a small amount of this product, it can be applied to various formulations.
- ❖ Two different types of HLB are available so emulsification adjustment in a wide range of HLB is possible.
- ❖ This product has low odor, because it does not contain aromatic hydrocarbons or alcohols.

Product Name	Specification
KONOL 2200	Pale yellow to dark yellow
KONOL 8800	Pale yellow to dark yellow

(Specifications)

Test Item	Specification
Appearance (20°C)	Liquid
Color (20°C)	Pale yellow to dark yellow
pH (1% aq.) (20°C)	4.5 ~ 7.5
Specific Gravity (20°C)	1.030 ~ 1.080
Moisture %	1 max

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(Suggest Formulation List)

Formulation	Active Ingredient	Solvent	Emulsifier
Emamectin Benzoate	Emamectin benzoate (70%) (20)	DMAc 5% Solvent-100 85%	KONOL-2200 1.0% KONOL-8800 4.5%
	Emamectin benzoate (70%) 5%	DMAc 10% Solvent-100 72%	KONOL-2200 1.0% KONOL-8800 4.5%
	Emamectin benzoate (70%) 10%	DMAc 15% Solvent-100 63%	KONOL-2200 1.5% KONOL-8800 5.0%
Emamectin benzoate + Lamda-cyhalothrin + Chlorfenapyr	Emamectin benzoate (38) + Lamda-Cyhalothrin (50) + Chlorfenapyr (120)	DMAc 10% Methanol 5% Solvent-100 56%	KONOL-2200 1.5% KONOL-8800 4.5%
Abamectin	Abamectin 2%	DMAc 3% Solvent-100 89%	KONOL-2200 2.0% KONOL-8800 3.5%
	Abamectin 3.6%	DMAc 5% Solvent-100 83%	KONOL-2200 2.0% KONOL-8800 5.0%
	Abamectin 6.5%	DMAc 8% Solvent-100 63%	KONOL-2200 2.5% KONOL-8800 7.5%
Abametin + Diafenthiuron	Abametin (36) + Diafenthiuron 5%	DMAc 7% Solvent-100 73%	KONOL-2200 2.5% KONOL-8800 5.5%
	Abametin (18) + Diafenthiuron 5%	DMAc 3% Solvent-100 84%	KONOL-2200 2.25% KONOL-8800 3.75%
Abametin + Spirodiclofen	Abametin (36) + Spirodiclofen 3%	DMAc 7% Solvent-100 75%	KONOL-2200 2.5% KONOL-8800 5.5%
	Abametin (18) + Spirodiclofen 3%	DMAc 3% Solvent-100 86%	KONOL-2200 2.25% KONOL-8800 3.75%
Profenofos	Profenofos (500)	Solvent-100 41%	KONOL-2200 2.2% KONOL-8800 3.75%
Profenofos + Thiamethoxam	Profenofos (147) + Thiamethoxam (100)	DMAc 60% Solvent-100 10%	KONOL-2200 1.0% KONOL-8800 5.0%
Profenofos + Cypermethrin	Profenofos (400) + Cypermethrin (40)	Solvent-100 49%	KONOL-2200 2.0% KONOL-8800 4.0%

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Formulation	Active Ingredient	Solvent	Emulsifier
Cypermethrin	Cypermethrin 5%	Solvent-100 90%	KONOL-2200 2.5 % KONOL-8800 2.0%
	Cypermethrin 10%	Solvent-100 85%	KONOL-2200 2.5% KONOL-8800 2.0%
	Cypermethrin 25%	Solvent-100 68%	KONOL-2200 2.75% KONOL-8800 2.25 %
	Cypermethrin 25%	Xylen 67%	KONOL-2200 2.0% KONOL-8800 3.5 %
	Cypermethrin 50%	Solvent-100 40%	KONOL-2200 3.5% KONOL-8800 2.5%
Cypermethrin + Lamda-cyhalothrin	Cypermethrin (250) + Lamda-cyhalothrin (25)	Solvent-100 63%	KONOL-2200 2.75% KONOL-8800 2.75%
Cypermethrin + Chlopyrifos-Methyl	Cypermethrin (100) + Chlopyrifos-Methyl (500)	Solvent-100 34%	KONOL-2200 2.25% KONOL-8800 3.75%
Permethrin	Permethrin 10%	Xylen 83%	KONOL-2200 2.25 % KONOL-8800 3.75%
	Permethrin 10%	Solvent-100 84%	KONOL-2200 2.5% KONOL-8800 2.5%
	Permethrin 50%	Solvent-100 41%	KONOL-2200 4.0% KONOL-8800 1.5%
	Permethrin 50%	Methyl Este 38.5%	KONOL-2200 4.5% KONOL-8800 3.5%
Permethrin + Lamda-cyhalothrin	Permethrin (70) + Lamda-cyhalothrin (45)	Solvent-100 82%	KONOL-2200 2.75% KONOL-8800 2.25%
Permethrin + Chlorfenapyr	Permethrin (100) + Chlorfenapyr (200)	Solvent-100 62%	KONOL-2200 2.75% KONOL-8800 2.75%
Isoprothiolane	Isoprothiolane (400)	Solvent-100 17% Methanol 20% Methyl Este 15%	KONOL-2200 2.0% KONOL-8800 4.0%
		Solvent-100 43% Methanol 10%	KONOL-2200 2.0% KONOL-8800 3.0%

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Formulation	Active Ingredient	Solvent	Emulsifier
	Isoprothiolane (400)	Solvent 100 33% Methanol 20%	KONOL-2200 2.0% KONOL-8800 3.0%
Butalachlor + Fencloirim	Butalachlor (100) + Fencloirim (600)	Solvent-100 23%	KONOL-2200 3.75% KONOL-8800 2.25%
Difenoconazole	Difenoconazole 25%	Solvent-100 63%	KONOL-2200 2.0% KONOL-8800 9.0%
	Difenoconazole 25%	Xylen 62%	KONOL-2200 2.0% KONOL-8800 10%
	Difenoconazole 25%	Solvent-150 64%	KONOL-2200 2.0% KONOL-8800 8.0%
Propiconazole	Propiconazole 25%	Solvent-150 65%	KONOL-2200 2.0% KONOL-8800 6.0%
Difenoconazole + Propiconazole	Difenoconazole 15% + Propiconazole 15%	Solvent-150 59%	KONOL-2200 2.0% KONOL-8800 7.0%
Difenoconazole + Tebuconazole	Difenoconazole 15% +Tebuconazole 15%	Methanol 10% Solvent-100 48%	KONOL-2200 1.5% KONOL-8800 8.5 %
Alpha-Cypermethrin	Alpha-Cypermethrin 2.6%	Solvent-100 91%	KONOL-2200 2.25% KONOL-8800 2.5%
	Alpha-Cypermethrin 5%	Solvent-100 90%	KONOL-2200 3.0% KONOL-8800 2.5%
	Alpha-Cypermethrin 5%	Xylen 89.5%	KONOL-2200 2.25% KONOL-8800 3.75%
	Alpha-Cypermethrin 10%	Solvent-100 84%	KONOL-2200 2.75% KONOL-8800 2.75%
	Alpha-Cypermethrin 25%	Solvent-100 68%	KONOL-2200 3.0% KONOL-8800 3.0%
Lamda-cyhalothrin	Lamda-cyhalothrin 2.8%	Solvent-100 91%	KONOL-2200 2.5% KONOL-8800 2.5%
	Lamda-cyhalothrin 5%	Solvent-100 89%	KONOL-2200 2.5% KONOL-8800 2.5%
	Lamda-cyhalothrin 5%	Xylen 88%	KONOL-2200 2.25% KONOL-8800 3.5%

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Formulation	Active Ingredient	Solvent	Emulsifier
	Lamda-cyhalothrin 10%	Solvent-100 84%	KONOL-2200 2.75% KONOL-8800 2.75%
Deltamethrin	Deltamethrin 2.5%	Solvent-100 91% %	KONOL-2200 2.25% KONOL-8800 2.25%
	Deltamethrin 5%	Solvent-100 89%	KONOL-2200 2.5% KONOL-8800 2.5%
	Deltamethrin 10%	Solvent-100 83%	KONOL-2200 2.75% KONOL-8800 2.75%
Cyhalofos-Butyl	Cyhalofos-Butyl 10%	DMAc 0.5% Solvent-100 84%	KONOL-2200 3.0% KONOL-8800 2.0%
	Cyhalofos-Butyl 30%	DMAc 5% Solvent-100 56%	KONOL-2200 3.75% KONOL-8800 2.25%
Pyriproxyfen	Pyriproxyfen 11%	Solvent-100 83%	KONOL-2200 3.0% KONOL-8800 2.5%

❖ Attention

All the data herein reported were based on the experimental facts. However it is not guaranteed that the same result in the actual production. These data are the reference data for examining our products according the visitor's business way.