

WHO Prequalification of Vector Control Products

## Declaration of product formulation for incorporated ITN fabric

<b>Company:</b>	Example Net Manufacturing Ltd.
<b>Product name:</b>	Example Nets Standard
<b>PQ Ref #:</b>	
<b>Formulation code:</b>	ENM8785-G
<b>Version number:</b>	001
<b>Effective date:</b>	3/4/2018

### Section A: Chemical compositions of formulated intermediates

#### A1: AI Masterbatch

Ingredient	Grade/CAS#/other	Supplier name(s) and address(es)	Amount	Certified Limits		Purpose in formulation
				Upper	Lower	
Deltamethrin TC 95% (equiv. deltamethrin)	Product code: DMTC95	Example Pesticides Ltd., [address]	150g/kg (142.5g/kg)	172.5 (163.9)	127.5 (121.1)	AI
LDPE	Grade: PPC301	Example Polymers Ltd., [address]	800g/kg	880	720	Carrier
HDPE	Grade: PD259C	Example Polymers Ltd., [address]	49g/kg	53.9	44.1	Carrier
Tris-(2,4-di-tert-butylphenyl)-phosphite	CAS#: 31570-04-4	Example Chemical Co., [address]	1.0g/kg	1.1	0.9	Antioxidant
			<b>Total</b>	1000g/kg		

**A2: Filament/yarn**

Denier: 150 D

Ingredient	Grade/CAS#/other	Supplier name(s) and address(es)	Amount	Certified Limits		Purpose in formulation
				Upper	Lower	
Masterbatch (equiv. deltamethrin)	Table A1	Produced in house per established QMS and formulation presented in this form.	100g/kg (14.3g/kg)	115 (16.5)	85 (12.2)	AI Masterbatch
HDPE	Grade: PD259F	Example Polymers Ltd., [address]	898g/kg	942.9	853.1	Carrier
Colour masterbatch	MB 21W3237 Green	Colours-R-Us, [address]	2.0g/kg	2.1	1.9	Colour
Total			1000g/kg			

Note: The yarn consists of a single filament (monofilament yarn).

## Section B: Chemical composition of the fabric

### B1: Knitted fabric

Fabric weight: 40g/m<sup>2</sup>

Ingredient	Grade/CAS#/other	Supplier name(s) and address(es)	Amount by weight	Amount by area	Certified Limits	
					Upper	Lower
Filament (equiv. deltamethrin)	Table A2	Produced in house per established QMS and formulation presented in this form.	1000g/kg (14.3g/kg)	40.0g/m <sup>2</sup> (0.57g/m <sup>2</sup> )	44g/m <sup>2</sup>	36g/m <sup>2</sup>
			Total	1000g/kg		

**Previous versions**

Version number	Effective dates	Reason for replacement
003	30/11/2018 to 27/4/2019	Change of HDPE grade for the filament
002	15/6/2018 to 30/11/2018	Decrease in quantity of deltamethrin in the filament
001	30/6/2016 to 15/6/2018	Addition of antioxidant to masterbatch

**Confidentiality**

All formulation information provided on this form is considered confidential business information.

**Name of authorized contact person for the manufacturer:** \_\_\_\_\_

**Signature of authorized contact person for the manufacturer:** \_\_\_\_\_

**Date:** \_\_\_\_\_