

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN	ACOFILCON A
PRONUNCIATION	ak oh fil' kon
INGREDIENT FUNCTION	contact lens material (hydrophilic)
CHEMICAL NAMES	
	1) 2-butenedioic acid (2Z)-, di-2-propenyl ester, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate, 1-ethenyl-2-pyrrolidinone, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate
	2) diprop-2-enyl (2Z)-but-2-enedioate polymer with (2RS)-2,3-dihydroxypropyl 2-methylprop-2-enoate, 1-ethenylpyrrolidin-2-one, 2-hydroxyethyl 2-methylprop-2-enoate and methyl 2-methylprop-2-enoate
STRUCTURAL FORMULA	
	(See page 2)
MOLECULAR FORMULA	$(C_{10}H_{12}O_4)_v (C_7H_{12}O_4)_w (C_6H_{10}O_3)_x (C_6H_9NO)_y (C_5H_8O_2)_z$
TRADEMARK	Contaflex GM3 58%
MANUFACTURER	Contamac Ltd
PURITY OF 2-hydroxyethyl methacrylate (HEMA)	99%
WATER CONTENT (at ambient temperature (23±2°C))	58%
OXYGEN PERMEABILITY at 35°C (Dk Value)	$26 \pm 1.5 \times 10^{-11} (\text{cm}^2/\text{sec})(\text{ml O}_2/\text{ml x mm Hg})$
<u>CAS</u> REGISTRY NUMBER	403483-42-1

## STRUCTURAL FORMULA

