

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

|  |  |
|--|--|
| USAN   | LOTRAFILCON A  |
| PRONUNCIATION                                    | lo tra fil´ kon  |
| INGREDIENT FUNCTION                              | contact lens material (hydrophilic)  |
| CHEMICAL NAMES                                   |  |
| (1)  | 2-propenoic acid, 2-methyl-, 2-isocyanatoethyl ester, polymer with <i>N,N</i> -dimethyl-2-propenamide, Fomblin Z-DOL, $\alpha$ -[[3-(2-hydroxyethyl)propyl]dimethylsilyl]- $\omega$ -[[[3-(2-hydroxyethoxy)propyl]dimethylsilyl]oxy]poly[oxy(dimethylsilylene)], 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, and 3-[3,3,3-trimethyl-1,1-bis[trimethylsilyl]oxy]disiloxanyl]propyl 2-methyl-2-propenoate  |
| (2)  | 2-isocyanatoethyl methacrylate polymer with <i>N,N</i> -dimethylacrylamide, 2,2,4,4,6,6,8,8,10,10,12,12,14,14,16,16,17,17,19,19,20,20, 22,22,23,23,25,25,26,26,28,28,29,29,31,31-hexatriacontafluoro-3,5,7,9,11,13,15,18,21,24,27,30-dodecaoxadotriacontane-1,32-diol, 2,2-[(tetrapentacontamethylheptacosasiloxanylene)bis(trimethyleneoxy)diethanol, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, and 3-[3,3,3-trimethyl-1,1-bis[trimethylsiloxy]disiloxanyl]propylmethacrylate |
| STRUCTURAL FORMULA                               | (see page 2)   |
| MOLECULAR FORMULA                                | $(C_{103}H_{217}N_3F_{36}O_{49}Si_{27})_x (C_5H_9NO)_y (C_{16}H_{38}O_5Si_4)_z$  |
| TRADEMARK  | SEE3®  |
| MANUFACTURER                                     | Ciba Vision Corporation  |
| WATER CONTENT<br>at ambient temperature (23±2°C) | 24%  |
| OXYGEN PERMEABILITY<br>at 35°C (Dk intrinsic)    | $140 \times 10^{-11} \text{ (cm}^2/\text{sec)(ml O}_2\text{/ml x mm Hg)}$  |
| CAS REGISTRY NUMBER                              | 203170-33-3  |

STRUCTURAL FORMULA

