

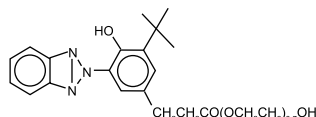
## Introduction

Chiguard® 5530 belongs to the family of substituted benzotriazoles which protect against ultraviolet radiation. Chiguard® 5530 is very soluble in most organic solvents and is dispersible in aqueous systems, which makes it particularly useful for automobile and industrial coatings. Chiguard® 5530 is a liquid at room temperature which makes it much easier for handling than other benzotriazoles UV absorber.

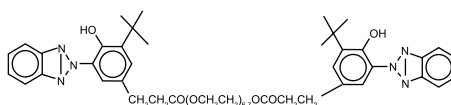
## Chemical Information

### Structure

#### a. 104810-48-2



#### b. 104810-47-1



### Chemical name

a.  $\alpha$  -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl- $\omega$ -hydroxyphenyl(oxyethylene)]

b.  $\alpha$  -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl- $\omega$ -[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]poly(oxyethylene)]

## Specification

Appearance	: Yellow to light amber liquid
Assay	: a. 40-55% b. 30-45%
Clarity	: Clear
UV Transmittance	: > 95% @460 nm > 97% @500 nm

## UV Spectrum

