



Glycol Ethers

EPA Approved DOW Glycol Ther Products for Pesticide Formulations

FIFRA

According to EPA, all ingredients used in a pesticide formulation must be approved prior to registration and commercial use of the product. The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) has been implemented by EPA to regulate pesticide products, including their inert ingredients (non-pesticidal ingredients such as solvents, surfactants, etc.). This regulation affects the cleaners industry since any product labeled as a "disinfectant" or "sanitizer" is considered a pesticide and therefore must be registered and contain only ingredients approved under FIFRA.

Non-food contact

For non-food contact, the following DOW glycol ethers appear on the list of pesticide product inert ingredients.

Dow Glycol Ether	CAS #	List
Butyl CARBITOL™	112-34-5	2
CARBITOL (LG)	111-90-0	2
Methyl CARBITOL	111-77-3	2
Butyl CELLOSOLVE™	111-76-2	2
DOWANOL* PM	107-98-2	2
DOWANOL PnB	5131-66-8	2
DOWANOL TPM	25498-49-1	2
DOWANOL DPM	34590-94-8	3
DOWANOL DPnB	29911-28-2	3
Butyl CELLOSOLVE Acetate	112-07-2	3
ECOSOFT PB	9004-77-7	3
Propyl CELLOSOLVE	2807-30-9	3
DOWANOL PMA	108-65-6	3
DOWANOL PnP	1569-01-3	3

DOW Glycol Ethers Acceptable as Inert Ingredients in Pesticide Formulations 40 CFR 180.1001, (d) & (e)

Inert Ingredient	Uses
d) Pesticide formulations applied to growing crops only :	
DOWANOL PM	Solvent
DOWANOL DPM	Stabilizer
Butyl CELLOSOLVE	Solvent, co-solvent
Butyl CARBITOL	Deactivator for formulations used before crop emerges from soil; stabilizer.
Methyl CARBITOL	
e) Pesticide formulations applied to animals:	
DOWANOL PM	Deactivator, emollient
DOWANOL DPM	Surfactants, related adjuvants of surfactants