

## TECHNICAL DATA SHEET

### Rubber Retarder agent V.E/C

**CHEMICAL NAME:** N-Phenyl-N-(Trichloromethyl-sulphenyl)-benzenesulfonamide

**SYNONYMS:** Benzenesulfonanilide, N-[(trichloromethyl)thio]- (7CI,8CI);

N-[(Trichloromethyl)thio]-N-phenylbenzenesulfonamide; Vulcalent E;

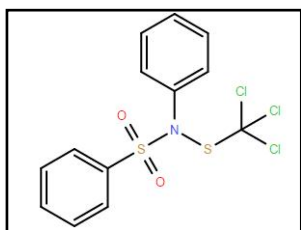
**MOLECULAR FORMULA:** C<sub>13</sub>H<sub>10</sub>Cl<sub>3</sub>NO<sub>2</sub>S<sub>2</sub>

**MOLECULAR WEIGHT:** 382.5

**CAS NO.:** 2280-49-1

**EINECS No.:** 218-915-0

### MOLECULAR STRUCTURE:



### QUALITY STANDARD::

纯物质(V.E):	
For pure powder (N-Phenyl-N-(trichloromethyl-sulphenyl)-benzenesulfonamide)	
Purity	≥ 97.0%(HPLC)
Melting point	≥ 108°C
混合物(V.E/C):	
For composition (with CaCO <sub>3</sub> and oil)	
Assay	≥ 90.0%(HPLC)
Ash	< 6.0%
Volatiles	< 0.3%
Sieve residue, 0.05mm	< 0.1%
Mineral oil content	1.5 ± 0.5%

**PROPERTIES:** White to off-white powder.

**APPLICATION:** Retarder agent, accelerator.

**PACKAGE:** 25kg paper bag.

**STORAGE VALIDITY:** One year/Keep cool (less than 25°C) and in closed original packing.

In general, the recommended shelf life is typically two years when stored properly in the original sealed packing. Please note the above data would vary between different situations.

The product may not fully express its function when used in uncommon circumstances.