

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2008-2637  
**Application:** B.1.1 (Product chemistry - new source (site) same registrant)  
**Product:** Terrazole Technical  
**Registration Number:** 29464  
**Active ingredients (a.i.):** Etridiazole (TRB)  
**PMRA Document Number:** 1871595

### Purpose of Application

The purpose of this application is, in response to Re-evaluation Decision Document RRD2006-21: *Etridiazole*, to register the grandfathered source of the technical grade active ingredient etridiazole (a fungicide) under the product name Terrazole Technical.

### Chemistry Assessment

Common Name: Etridiazole  
IUPAC Chemical Name: Ethyl 3-trichloromethyl-1,2,4-thiadiazol-5-yl ether  
CAS Chemical Name: 5-ethoxy-3-(trichloromethyl)-1,2,4-thiadiazole

Terrazole Technical has the following properties:

Property	Results
Colour and physical state	Colourless to pale yellow
Nominal concentration	99.6 %
Odour	Sweet sulfurous odour to strong sour pungent odour
Density	1.5 relative density
Vapour pressure	1.430 Pa
pH	3 – 4 (in saturated aqueous solution)
Solubility in water	117 mg/L
n-Octanol/water partition coefficient	$\log K_{ow} = 3.37$

The chemistry requirements for Terrazole Technical, containing the technical grade active ingredient etridiazole, have been completed.

## Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

## Conclusion

The PMRA has completed an assessment of all available information and are able to support the registration of the grandfathered source of the technical grade active ingredient etridiazole, under the product name Terrazole Technical.

## References

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