

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2013-3028  
**Application:** B.1.1 – New Source (site) – Same Registrant  
**Product:** Arch Technical Active Trichloro-s-triazinetriene  
**Registration Number:** 29459  
**Active ingredients (a.i.):** Trichloro-s-triazinetriene  
**PMRA Document Number :** 2416327

### Purpose of Application

The purpose of this application was to register two new sites of manufacture for Arch Technical Active Trichloro-s-triazinetriene.

### Chemistry Assessment

Common Name: trichloro-s-triazinetriene  
 IUPAC Chemical Name: 1,3,5-trichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione  
 CAS Chemical Name: 1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro-

Arch Technical Active Trichloro-s-triazinetriene has the following properties:

Property	Result
Colour and physical state	White solid
Nominal guarantee	available chlorine, present as sodium trichloro-s-triazinetriene at 90% Available chlorine present as 1-bromo-3-chloro-5,5-dimethylhydantoin and related hydantoins at 28.6% (limits 27.7-29.5%)
Odour	Chlorine like
Density at 25°C	0.976 g/cm <sup>3</sup>
Vapour pressure at 25°C	8.4 × 10 <sup>-4</sup> Pa
Solubility in water	0.2% at 20°C
n-Octanol/water partition coefficient	Log K <sub>ow</sub> = 0.94 (estimated)

The chemistry requirements for Arch Technical Active Trichloro-s-triazinetriene have been fulfilled.

### Health, Environmental and Value Assessments

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

### Conclusion

The PMRA evaluated the information provided in support of the two new sites of manufacture for Arch Technical Active Trichloro-s-triazinetrione. Based on this evaluation, the two new sites of manufacture of Arch Technical Active Trichloro-s-triazinetrione are acceptable for registration.

## References

2313721	2013, 29459- Arch Technical Trichlor amend daco 2.1, DACO: 2.1
2313722	2013, Manufacturing Process for TCCA Technical Alternate Supplier 1, DACO: 2.11, 2.11.1, 2.11.2, 2.11.3, 2.11.4
2313724	2013, Manufacturing Process for TCCA Technical Alternate Supplier 1, DACO: 2.11, 2.11.1, 2.11.2, 2.11.3, 2.11.4 CBI
2313725	2013, Manufacturing Process for TCCA Technical Alternate Supplier 2, DACO: 2.11, 2.11.1, 2.11.2, 2.11.3, 2.11.4
2313726	2013, Manufacturing Process for TCCA Technical Alternate Supplier 2, DACO: 2.11, 2.11.1, 2.11.2, 2.11.3, 2.11.4 CBI
2313729	2013, 29459- Arch Technical Trichlor amend daco 2.12.1, DACO: 2.12.1 CBI
2313730	2013, TCCA Alternate Supplier 1: Preliminary Analysis, DACO: 2.13, 2.13.1, 2.13.2, 2.13.3
2313731	2013, TCCA Alternate Supplier 2: Preliminary Analysis, DACO: 2.13, 2.13.1, 2.13.2, 2.13.3

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