

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2014-0454  
**Application:** Changes TGAI or ISP Prod Chemistry-New Source(site) same registrant  
**Product:** Cambrex SDD  
**Registration Number:** 28506  
**Active ingredients (a.i.):** Available chlorine, present as sodium dichloro-s-triazinetriene dihydrate  
**PMRA Document Number :** 2484465

### Purpose of Application

The purpose of this application was to add a new manufacturing site to the currently registered product Cambrex SDD.

### Chemistry Assessment

**Common Name:** No ISO approved common name  
**IUPAC Chemical Name:** Sodium 1,5-dichloro-4,6-dioxo-1,4,5,6-tetrahydro-1,3,5-triazin-2-olate, dihydrate  
**CAS Chemical Name:** 1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt dihydrate

Cambrex SDD has the following properties:

Property	Result
Colour and physical state	White granular solid
Nominal guarantee	available chlorine, present as sodium dichloro-s-triazinetriene at 56% Available chlorine present as 1-bromo-3-chloro-5,5-dimethylhydantoin and related hydantoins at 28.6% (limits 27.7-29.5%)
Odour	Chlorine odour
Density at 20°C	0.96 g/cm <sup>3</sup>
Vapour pressure	< 0.006 Pa at 20°C (too low to measure accurately)
Solubility in water	250 g/1000 g of water

The chemistry requirements for Cambrex SDD have been fulfilled.

### Health, Environmental and Value Assessments

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

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and is approving the new manufacturing site for the currently registered product Cambrex SDD.

## References

PMRA Document Number	Reference
2390210	2014 Description of Starting Materials, DACO: 2.11.2 CBI
2390211	2014, Detailed Production Process, DACO: 2.11.3 CBI
2390212	2014, Discussion of Formation of Impurities, DACO: 2.11.4 CBI
2390214	2014, Methodology Validation, DACO: 2.13.1 CBI
2390216	2014, Batch Data, DACO: 2.13.3 CBI
2390218	2014, Colour, DACO: 2.14.1 CBI
2390219	2014, Physical State, DACO: 2.14.2 CBI
2390220	2014, Odour, DACO: 2.14.3 CBI
2390221	2014, Melting point/range, DACO: 2.14.4 CBI
2390223	2014, Density or Specific Gravity, DACO: 2.14.6 CBI
2390224	2014, Water Solubility, DACO: 2.14.7 CBI
2390225	2014, Solvent Solubility, DACO: 2.14.8 CBI
2390226	2014, Vapour Pressure, DACO: 2.14.9 CBI
2390228	2014, Octanol Water Partition, DACO: 2.14.11 CBI
2390230	2014, Stability, DACO: 2.14.13 CBI
2390231	2014, Storage Stability, DACO: 2.14.14 CBI
2396582	2014, Batch Data, DACO: 2.13.3 CBI
2479461	2014, Methodology Validation DACO: 2.13.1 CBI
2479462	2014, Impurities of Human Health or Environmental Concern, DACO: 2.13.4 CBI

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