

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2013-2446  
**Application:** New/Changes TGAI Prod Chemistry-New Source (site) same registrant  
**Product:** Copper Technical Flake  
**Registration Number:** 31751  
**Active ingredients (a.i.):** Copper, metallic  
**PMRA Document Number :** 2503036

### Purpose of Application

The purpose of this application was to register a new source of metallic copper for use in a wood preservative end-use product.

### Chemistry Assessment

Common Name: Copper (metallic)  
IUPAC\* Chemical Name: Copper  
CAS† Chemical Name: Copper

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Copper Technical Flake has the following properties:

Property	Result
Colour and physical state	Reddish solid
Nominal concentration	99.9%
Odour	None
Density	9 g/cm <sup>3</sup>
Vapour pressure	Negligible
pH	N/A
Solubility in water	N/A
n-Octanol/water partition coefficient	N/A

The chemistry requirements for Copper Technical Flake have been fulfilled.

### Health, Environmental, and Value Assessments

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

### Conclusion

The PMRA has conducted a review of the information provided in support of this application

and has determined that the registration of the new source can be accepted.

## References

### PMRA # Reference

- 2299703 2013, General Chemical Information, DACO: 2.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
- 2299704 2013, Manufacturing Process for Copper Technical Flake, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.13.1,2.13.2,2.13.3 CBI
- 2299705 Phys/Chem Overview, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.2,2.14.3,2.14.4,2.14.5,2.14.6,2.14.7,2.14.8,2.14.9 CBI
- 2439372 2014, Copper Flake [PRIVACY INFO REMOVED]: Preliminary Analysis [PRIVACY INFO REMOVED], DACO: 2.13.1,2.13.2,2.13.3 CBI
- 2439373 2014, Copper Flake [PRIVACY INFO REMOVED]: Preliminary Analysis [PRIVACY INFO REMOVED], DACO: 2.13.1,2.13.2,2.13.3 CBI
- 2491778 2015, Determination of [CBI REMOVED], in Copper Flake, DACO: 2.13,2.13.1,2.13.2 CBI

ISSN: 1911-8082

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