

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2020-5958  
**Application:** Changes to Technical Grade Active Ingredient -New Source(site), Same Registrant  
**Product:** Copper Technical Flake  
**Registration Number:** 31751  
**Active ingredients (a.i.):** Copper, metallic  
**PMRA Document Number:** 3346233

### Purpose of Application

The purpose of this application was to amend the registration of Copper Technical Flake to add new manufacturing sites.

### Chemistry Assessment

Common Name: Copper  
 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                                 | Odourless                    |
| Density                               | 9 g/cm <sup>3</sup> at 20°C  |
| Vapour pressure                       | Negligible                   |
| pH                                    | Insoluble in water           |
| Solubility in water                   | Insoluble                    |
| n-Octanol/water partition coefficient | Insoluble in water / octanol |

The required chemistry data for Copper Technical Flake have been provided, reviewed, and found to be acceptable.

### **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 has found the information sufficient to add new manufacturing sites to the registration of Copper Technical Flake.

## References

### PMRA

#### Document

| Number  | Reference   |
|---------|---|
| 3183794 | 2020, Copper Technical Flake, DACO: 2.11,2.12,2.13,2.13.3,2.2 CBI                   |
| 3183795 | 2020, Copper Technical Flake: Preliminary Analysis, DACO: 2.13 CBI                  |
| 3183796 | 2020, Copper Technical Flake: Preliminary Analysis, DACO: 2.13 CBI                  |
| 3230223 | 2021, Copper Technical Flake: Preliminary Analysis, Impurities Only, DACO: 2.13 CBI |
| 3230224 | 2021, Copper Technical Flake: Preliminary Analysis, Impurities Only, DACO: 2.13 CBI |

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