

# Flavorfile



## LIGHTSTRUCK



The active component in this FlavorActiV™ Beer Flavour Standard is 3-methyl-2-butene-1-thiol

### Associated terms

- Skunky
- Sunstruck

### Importance

Off-flavour in beer.

### Origins

Formed in beer on exposure to either daylight or artificial light. Beers that have been bittered exclusively with chemically-modified hop bitter acids do not develop this flavour.

### Analysis

- Sensory analysis
- Gas Chromatography

### Typical concentration in beer

1 - 5 ng/l (beers kept in the dark)  
0.01 - 1.5 µg/l (beers exposed to light)

### Approximate flavour threshold

4 ng/l

### Beer Flavour Wheel number

**0724**

### Remarks

3-Methyl-2-butene-1-thiol (MBT) is responsible for skunky flavours in commercial beers. The character can be detected more easily if the glass is held at arms length from the nose while assessing the aroma.

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**Beer Flavour**  
Standards Kit