Nickel metal

CAS 7440-02-0

AAL = 0.006 mg/m³ (24-hour)

NOTE:

The “nickel carbonyl” and “nickel subsulfide” guidelines are specific for those compounds. The “soluble compounds as nickel” category includes soluble salts of chloride, sulfate and nitrate (ACGIH). The “nickel metal” category is intended to apply to all emissions of nickel, including those emissions that fall into any other nickel category.

All nickel guidelines should read “as nickel equivalent.” The molecular weight contribution of the nickel ion should be considered when estimating emissions quantities and ambient air concentrations. The “nickel metal” and “soluble compounds as nickel” classifications are meant to be encompassing. The sum total of emissions of compounds within each category needs to be assessed. For “nickel metal” this includes all nickel containing compounds, whereas for “soluble compounds as nickel” this includes soluble salts of chlorides, sulfate and nitrate.