

- **Highly Concentrated.**
- **Ideal for all types of nickel baths.**
- **Formulations to suit specific needs.**
- **Will not affect bath characteristics.**
- **Low foaming.**
- **Economical to use.**

Brite-Nickel BNI Wetter™

WETTING AGENTS FOR ALL NICKEL PLATING SOLUTIONS

Brite-Nickel BNI Wetter's are low foaming, super concentrated surfactant systems which is added as required to control hydrogen gas pitting in all types of bright, satin and duplex nickel systems. It does not co-deposit with the nickel and does not affect the physical characteristics of the deposit. It is available in three formulations, depending upon the type of wetting required for a particular plating installation or application.

Brite-Nickel BNI Wetter 3 is for specific pitting applications, where unusual organic conditions or plating situations do not respond to conventional wetters.

Brite-Nickel BNI Wetter 4 is more of a dispersant type of wetter, used when a moderate amount of drag-in is encountered due to poor rinsing or part configuration. This formulation is super low foaming, while insuring proper wetting without cloudy deposits.

Brite-Nickel BNI Wetter 5 is a general purpose wetter system. It is ideal for the majority of plating baths, providing cloud-free deposits with low foam. It will assist in dispersing minor outside contamination until bath can be better filtered.

Brite-Nickel BNI Wetter 6 is a low-foaming material that provides maximum wetting and lowest dynes/cm. It is recommended for installations that have unusual pitting problems or just require ultimate wetting performance.

Brite-Nickel BNI Wetter M is a performance wetter for mechanically agitated baths. It provides proper balance of necessary surfactants to insure trouble-free mechanically agitated plating.

Brite-Nickel BNI Wetter 7 is a one package wetter recommended for operations that had used consistently My-T-Wet 4 or 3, in addition to My-T-Wet 6.

OPERATING DATA

Brite-Nickel BNI Wetter

(All formulations)

0.1 - 0.35% by volume.

SOLUTION CONTROL

No analytical control is necessary. Visual inspection or small scale plating tests are sufficient. If closer control is required, the **A BRITE TECHNICAL SERVICE LABORATORY** can supply an analytical procedure or a sample may be submitted to **A BRITE** for analysis.

Brite-Nickel BNI Wetter consumption varies according to the drag-out losses of each particular installation. Maintenance additions of 0.25% by volume are recommended. Carbon treatment and to a lesser degree, carbon packed filters, partially remove ***Brite-Nickel BNI Wetter***, therefore an addition is normally recommended after treatment.

NOTE

Brite-Nickel BNI Wetter is not intended to be used as a purifier to hide the effects of impurities or poor housekeeping. It is intended to control hydrogen gas pitting only. If a bath has continuing pitting problems, it is recommended that the source of the trouble be identified and eliminated.

STORAGE/HANDLING

Brite-Nickel BNI Wetter (all formulations) are near neutral liquids and do not require special handling. However, as with all industrial chemicals, avoid contact with skin and eyes. Wear proper protective clothing.

Store in a cool dry area. Do not freeze. It is not combustible. Refer to the Safety Data Sheet for more specific information.

MATERIAL SAFETY DATA SHEETS

Safety Data Sheets (S.D.S.) are readily available on this product. It is strongly recommended that all personnel thoroughly read and understand the information contained in both the Technical Data Sheet and the Material Safety Data Sheet before using this product.

WARRANTY

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. No warranty or guarantee expressed or implied is made regarding the performance of any products, since the manner of use is beyond our control. No suggestion for product use nor anything contained herein, shall be construed as a recommendation for its use in infringement of any existing patent, and we assume no responsibility or liability for operations which do infringe any such patents. The above includes confidential and proprietary information of **A BRITE COMPANY** and is furnished to you for your use solely on products or processes supplied to you by us.