



Crown GalvBrite DMC

Industrial Soap Concentrate



Description

Crown GalvBrite DMC is a powerful cleaner concentrate that was developed for use in all types of industrial alkaline precleaning applications. When combined with caustic builders (caustic soda, caustic potash, etc., added separately), it provides the most effective cleaning chemistry on the market at minimal cost. Formulated with specialty surfactants and additives, GalvBrite DMC provides the highest level of detergency and emulsification in the industry at exceptionally low usage rates.

General Benefits

- ***The VERY BEST detergents, emulsifiers, anti-redeposition agents, iron fine stabilizers and water conditioners are formulated into the product for maximum cleaning effectiveness***



Q: Why is this unique??

A: *Because the VERY BEST performers in each class of cleaning agents listed above are UNSTABLE in high caustic formulations!*

- ***A specialty product that is up to 20X MORE CONCENTRATED in cleaning additives than any other product currently on the market***

Q: Other products call themselves “concentrates”, so what’s the difference?

A: *Without the caustic builders, the GalvBrite DMC can be formulated with superior cleaning additives at levels unheard of in all-in-one alkaline cleaners*

- ***This novel cleaning solution actually IMPROVES product quality while LOWERING operating costs at the same time!***

Q: Ok, how is that even possible?

A: *Easy. QUALITY is improved because the selection in each class of cleaning agents is the very best available. Period. COST is lowered in the following ways:*

- * *Concentrates offer lower usage cost, reduced freight & inventory advantages*
- * *Direct purchase of caustic eliminates vendor markup*
- * *No ‘hydrotropes’ needed (which are only necessary in all-in-one products)*





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Advantages

GalvBrite DMC effectively removes rolling oil, pickle oil, soluble oils, grease, mill dirt, iron soaps, lubricants, anneal residue and other contaminants prior to coating, while offering NUMEROUS advantages over conventional, all-in-one products currently on the market:

- *Provides maximum detergency for fast and effective soil removal*
- *Delivers outstanding emulsification to keep soils in solution and to prevent redeposition*
- *Maintains clean process and recirculating tanks; no more sludge buildup and oil residues*
- *Reduces waste; keeps oil and sludge in solution to improve blow-down and overflow efficiency*
- *Versatile; suitable for high-pressure spray and electrolytic systems*
- *Lowers operational costs (in ALL cases!)*

Case Study

A large Midwestern steel manufacturer operating a hot dip galvanize line was suffering from consistent quality issues ranging from bare spots to uneven and rough coating. They had been using a typical, ultra-high caustic slurry product when they decided to try the new GalvBrite DMC approach.

The switch was extremely simple. A load of 50% caustic soda was ordered at commodity pricing and delivered into the alkaline cleaner bulk tank (no changes were necessary since the delivery system was already rated for high caustic). The GalvBrite DMC was delivered in a tote and equipped with a chemical metering pump set to match the fresh water addition rate (overflow from the #1 rinse tank).

Soon, a noticeable improvement in surface quality was observed (particularly on full-hard material). Consistency became the norm, with cleaning related rejections nearly eliminated. The effectiveness of the cleaning became most apparent during their first downturn when they observed no sludge build-up in the rinse section (indicating the strip had been completely cleaned in the preceding alkali sections) and *very little* sludge was evident in the alkali tanks (indicating the soil had been emulsified and removed).

With a reduced cleaner usage rate and commodity pricing on caustic soda, the customer is on track to save well over **\$100,000** annually in alkaline cleaner costs alone.

Crown GalvBrite DMC is non-toxic and environmentally safe



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