



## DATA SHEET

# ZACLON<sup>®</sup> WETTING AGENT A

ZACLON<sup>®</sup> Wetting Agent A is especially prepared for use in acidic surface preparation baths such as acid rinse water and preflux solutions. The optimum use concentration range is 0.01 to 0.03% by volume (0.1 gallon to 0.3 gallon Wetting Agent A per 1000 gallons [0.1L to 0.3L Wetting Agent A per 1000L] preflux or rinse solution). To assure better mixing of the viscous wetting agent, it should be blended in ten parts of hot water before adding to large galvanizing plant tanks. Excessive agitation will cause excess foam.

Used in the preflux, Wetting Agent A will assure complete coverage of the work immersed in the bath with a preflux film and better drainage when it is withdrawn. Complete coverage will help improve zinc coating quality while better drainage will reduce preflux consumption and, by assisting drying, reduce spattering at the kettle. A thin foam blanket on the preflux bath will insulate the bath to reduce heating costs.

Used in the acid rinse water Wetting Agent A will improve rinsing and reduce dragout of contaminants such as acid, sulfates and iron into your preflux solution.

ZACLON<sup>®</sup> Wetting Agent A is not recommended for use in hydrochloric or sulfuric acid pickling baths. Pickling and stripping action cause evolution of hydrogen gas which can be trapped in the foam bubbles of the Wetting Agent A making the foam flammable.

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## **PERSONAL SAFETY AND FIRST AID**

### **HEALTH HAZARDS**

ZACLON® Wetting Agent A causes irritation of the eyes, skin, nose, and throat. Overexposure to these products may cause liver and anaesthetic effects and may cause dizziness, headache, and nausea.

### **SAFETY PRECAUTIONS**

Avoid contact with the eyes and skin. Avoid breathing mists or vapors.

### **FIRST AID**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. For skin, flush with water.

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen, and call a physician.

If swallowed, do not induce vomiting. Immediately give two glasses of water, or activated charcoal slurry. Never give anything by mouth to an unconscious person. Call a physician.

### **INSTRUCTIONS TO PHYSICIANS**

To prepare activated charcoal slurry, suspend 50 g activated charcoal in 400 ml water in plastic bottle and shake well. Administer 5 ml/kg, or 350 ml for an average adult.

Due to changing governmental regulations, such as those of the Department of Transportation, Department of Labor, U.S. Environmental Protection Agency and the Food and Drug Administration, references herein to governmental regulations may be superseded. You should consult and follow the current governmental regulations, such as Hazardous Classification, Labeling, Food Use Clearances, Worker Exposure Limitations and Waste Disposal Procedures for the up-to-date requirements for the products described in this literature.

## **CONTACTING ZACLON INC.**

For placing orders or requesting additional product information, please contact us as shown below.

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