

DART 822

TECHNICAL DATA SHEET

DESCRIPTION:

DART 822 is a strongly alkaline ferrous metal cleaner for production applications in immersion tanks. This product is characterized by excellent wetting, detergency and is free rinsing. It may be used for removal of grease, oil, drawing compounds, carbon and light rust.

PROPERTIES:

Appearance:	Light-tan, granular powder with a mild odor.
pH (8 oz. / gallon):	13.6 – 13.8
pH (1 oz. / gallon):	13.3 – 13.5
Foaming:	Low
Safety on Metals:	Safe on ferrous and cuprous metals. Unsafe on aluminum, zinc and diecast metals.
U.S.D.A. Status:	DART 822 can be used as a general-purpose cleaner on all surfaces. Category = A1

APPLICATION:

DART 822 is recommended for cleaning of ferrous and cuprous metals in immersion tanks during processing. Use at 4 to 8 oz. / gallon at 160°F. to 180°F. for 5 to 10 minutes depending upon soil conditions. For heavy soils and / or light rust removal, use at 12 to 24 oz. / gallon. Use of **DART 822** must be followed by a thorough rinse with potable water.

PRODUCT CAUTIONS:

Danger! Causes severe burns to skin, eyes and alimentary canal. Fatal if swallowed. Contains sodium hydroxide, a strong alkaline material. Wear rubber gloves, rubber boots, rubber apron and goggles.

EMERGENCY FIRST AID:

EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

Adding **DART 822** directly to hot water may cause flash boiling. For makeup in hot cleaning tanks, it is recommended that the additions be predissolved in cold water before adding to the tank.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.



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