



SHELL CALLINA™ FLUID 3250

Spray cleaner

Product Description

Shell Callina Fluid 3250 is a liquid alkaline compound specifically developed for spray cleaning operations. **Shell Callina Fluid 3250** will not emulsify oil-containing compounds. **Shell Callina Fluid 3250** is very effective in removing light to medium drawing and stamping compounds from ferrous and non-ferrous substrates.

Shell Callina Fluid 3250 is used at 0.5 to 10.0% by volume at temperatures of 130 - 180°F. Contact time is anywhere from 10 seconds to 15 minutes depending on application.

This cleaner is suitable for use with Carbon steel equipment. To use, fill the washer 3/4 full with water. Add the required amount of **Shell Callina Fluid 3250**. Fill to operating level with water and heat to operating temperature. Start the pump and circulate the solution for 5 minutes to ensure even mixing of the solution. Then start processing the parts.

To determine concentration of **Shell Callina Fluid 3250**, place a 4 ml sample of the bath in a flask and add 60 mls of water. Add 3 - 5 drops of Phenolphthalein Indicator. Titrate with 0.1 Normal Acid to the color change (pink to clear). Each drop of 0.1 Normal Acid used is equal to 0.11% by volume of **Shell Callina Fluid 3250**.

Applications

- spray cleaning operations
- cleaning operations needed to remove light to medium duty lubricants from ferrous and non-ferrous substrates

Typical Properties of Shell Callina Fluid 3250

	Test Method	
Product Code (drums)		5064251
Appearance	Visual	Clear, colorless liquid
Odor		Mild
PH of Concentrate		12.8
PH of Working Bath		12.0
Foaming Tendency		Low
Effect on Metals		Safe to use on most metals
Density, lbs/gal		9.12

Handling & Safety Information

This product is an alkaline detergent compound. It will cause severe eye irritation. It may cause skin irritation. Do not get this product on the skin, in the eyes, or on clothing. When handling this material, wear goggles or face shield, rubber gloves, and breathing protection. Avoid inhalation and ingestion. Use with adequate and proper ventilation.

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet <http://www.equivashellmsds.com>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.

NOTE: *"Read and understand all precautions on the container labels before using this product."*

First Aid

In case of contact with the skin, flush with water. In case of contact with the eyes, flush with water for 15 minutes and get medical attention.