

PRODUCT DATA

CLEANER 2989-11

LIQUID CLEANER

Cleaner 2989-11 is a medium-duty, mild alkaline general maintenance cleaner for use in all industries. It is an economical blend of alkali and detergents formulated for use in cleaning floors, walls, machinery, etc.

Solvent Free
User Friendly

Cleaner 2989-11 has been designed to provide efficient cleaning at both high and lower temperatures. Aside from general maintenance cleaning, it may also be used in soak cleaning and tumble cleaning operations.

TYPICAL PHYSICAL PROPERTIES

Appearance	Pale Yellow, Clear Liquid
Weight Per Gallon	8.7 pounds
pH (1% solution)	10.6
Solubility	Miscible with water in all proportions
Effect on Metals	Safe on ferrous metals, copper and aluminum

RECOMMENDED USES

Cleaner 2989-11 is used in floor scrubbing machines, generally in the range of 1 to 3 percent in water. Exact concentration, of course, is dependent on how dirty the floors are and on what soils are involved.

Dip cleaning operations would require 5 to 10 percent of product in water and can be operated at a temperature range of 80 to 180°F. The exact temperature and time, again, are dependent on the soil involved.



Houghton International Inc.

Madison and Van Buren Ave., P. O. Box 930, Valley Forge, PA 19482-0930

(610) 666-4000 Telefax (610) 666-1376

SHIPPING CLASSIFICATION

Cleaning Compound, Liquid

CONTAINER

Cleaner 2989-11 is shipped in 55 (U.S.) gallon (208 liter) steel drums.

ADVANTAGES

- ◆ Liquid product, completely miscible with water
- ◆ Can be used at room temperature
- ◆ Free rinsing
- ◆ Versatile - works on many soils at various temperatures

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when **Cleaner 2989-11** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

WARRANTY

The information given here is considered to be correct and is offered for your consideration, investigation, and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

EXPORT STATEMENT

This commodity and its technology are subject to the export control laws and regulations of the United States Government. Buyer agrees that it shall not make any disposition, by way of export, diversion, transshipment, re-export or otherwise, except as expressly permitted under United States law.

10/02