

OVEN AND GRILL CLEANER

CSL_02-13-10

Type:	Highly alkaline oven and grill cleaner, enables a long exposure time due to its high viscosity
Appearance:	Yellow, slightly turbid, viscous liquid
Active matter:	Approx. 12 %
pH (10 %):	Approx. 13

Formulation:

Ingredients	Description	Function	Concentration
Water			76.9 %
CUBLEN D 5012	Phosphonate, complexing agent	Stabilises against water hardness and improves removal of pigment dirt	1.5 %
Caustic soda	Alkali	Breaks up triglycerides, improves grease- and oil-dissolving power	4.0 %
Hydroxy ethyl cellulose	Thickener	Builds up viscosity	1.2 %
SULFETAL 4069	Sodium alkyl sulfate	High-foaming and hydrotropic, improves cleaning effect	10.0 %
AMPHOTENSID D 1	N-Alkyl amino acid triethanolammonium salt	High-foaming and cleaning	6.4 %
Perfume, dye and preservative			q. s.

Manufacturing process:

- ▶ Dissolve CUBLEN D 5012 in water. After that, stir in caustic soda until completely dissolved.
- ▶ Then, slowly add hydroxyethyl cellulose whilst stirring well and keep stirring until swelling is completed.
- ▶ Finally, add SULFETAL 4069 and AMPHOTENSID D 1 and stir until homogeneous.

Application:

For manual cleaning of ovens and grills. Apply the cleaner to the soiled parts and let it work for some time. Mechanical action (e.g. use of a brush or sponge) improves the cleaning effect. Wipe or rinse well with water. Due to its viscosity (approx. 1500 mPa·s), the cleaner can also be applied to inclined surfaces and enables a long exposure time. Be careful with aluminium, zinc or other alkali-sensitive materials. In case of doubt, check material compatibility in an inconspicuous place.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions, they can serve only as a guide, and are therefore offered without obligation. We ask that the possible rights of third parties are observed. Existing laws and regulations must be observed, particularly in regard to manufacture, placing on the market, handling and application of the product formulated according to this guide formulation!