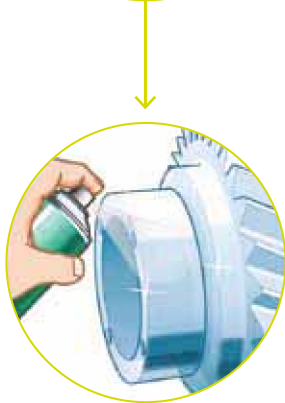


Cleaning

Parts, Hands and Maintenance Cleaning



Why use LOCTITE cleaners prior to bonding?

LOCTITE cleaners and degreasers are highly effective and are available in both water based and solvent based formulations. When choosing a cleaner or degreaser, the major factors to consider are drying time, residue, odour, and substrate compatibility. Residue is a particularly important concern: if there is any secondary processing of the part, e.g. painting or bonding, a residue could interfere with that process. Substrate compatibility is a common concern when dealing with plastics and solvent based cleaners.

The LOCTITE cleaner portfolio offers products for:

- Cleaning components before applying LOCTITE adhesives/sealants
- Cleaning and degreasing worktops and parts
- Removing cured sealant residue
- Cleaning harsh dirt on hands

The product line includes:

- Three highly effective gentle and biodegradable hand cleaners
- Electrical contact cleaner
- Food grade cleaner (NSF A7)



Why choose BONDERITE?

BONDERITE offers you a cleaner for every step in your production chain (one stop supplier):

- Over 80 years of experience in cleaning
- High sustainability
- Highest quality
- State of the art technologies
- Continuous development and innovation



Why use BONDERITE for maintenance cleaning?

Vehicles, industrial facilities and equipment require professional maintenance and safety of the operator. Maintenance extends equipment service lifetimes and avoids long and costly downtimes. In recent years, maintenance has taken on a new dimension, with such work being frequently outsourced to companies offering specific experience and know-how, and using technical and environmentally compatible products from Henkel.

Henkel develops innovative products aligned to the demanding specifications and the latest regulations encountered in modern maintenance work.

Key industries and application areas

Public transport (rail, road), automotive, energy, cleaning companies, petrochemical plants, defense engineering, aeronautic and marine.

Some key applications

Vehicle interior and exterior cleaning, tank and pipe cleaning, floor cleaning, parts cleaning prior to inspection, paint stripping, graffiti removal and anti-graffiti protection, heat exchanger descaling, reodourising, hand cleaning.

Key advantages of using BONDERITE for maintenance cleaning

- Specific products for maintenance in industrial environments
- Equipment compatible
- Recycling possibilities
- Easy to dispense and use
- Easy waste treatment



Why use BONDERITE for industrial cleaning?

Industrial Cleaners

At each phase of their transformation, the surfaces of all metal parts must be oil and stain-free. With its years of experience in surfactant chemistry, Henkel offers high performance cleaners for all processes. The products are formulated to meet all specifications for each phase, application method, environment, temperature or substrate while respecting environmental norms.

The high quality and efficiency of Henkel products substantially increase production quality and help to decrease operating costs.

Key Industries




Metal forming, pulp and paper, steel, automotive, appliance manufacturing, wind power, aluminium, rail, agriculture, vehicle construction, weapon, electrical, medical.

Key Applications






Inter-operational and final neutral degreasing with temporary corrosion protection, water and oil-based corrosion protection, heavy-duty degreasing prior to surface treatment and painting, paint stripping, paint detach, acid descaling and pickling.

Industrial Cleaners

Product Table

	General dip	General spray	High pressure
Solution	BONDERITE C-NE 20 	BONDERITE C-NE FA 	BONDERITE C-MC 80 
Application	Dip	Spray	Spray or high pressure
Appearance	Yellow to light brown liquid	Clear, red-brown liquid	Clear liquid
Application concentration	2 – 8%	3 – 10%	0.5 – 5%
Working temperature	+40°C to +90°C	+20°C to +50°C	+20°C to +90°C
	BONDERITE C-NE 20 All-purpose neutral dip cleaner <ul style="list-style-type: none"> • Salts of organic acids, non-ionic surfactants, alkanolamines • Neutral cleaner • Multi-metal • Dewatering properties • Very good corrosion protection • For final as well as for intermediate cleaning 	BONDERITE C-NE FA All-round spray cleaner for heavy soiling <ul style="list-style-type: none"> • Contains corrosion protection agent • Also usable with other cleaning methods (dip, HP, manual, etc.) • For use on all substrates • Environmentally compatible alternative to solvent cleaners 	BONDERITE C-MC 80 Alkaline high pressure cleaner <ul style="list-style-type: none"> • Contains alkalis, surfactants, silicates • All-round alkaline cleaner • Contains inhibitors for use on aluminium • High degreasing performance • Ideal tank cleaning product

Parts cleaning

Alkaline		Corrosion protection		Neutral		Acid			
BONDERITE C-AK 5800		BONDERITE C-AK 5520		BONDERITE S-PR 6776		BONDERITE C-NE 3300		BONDERITE C-IC 3500	
									
Spray		Spray		Dip/spray		All		Dip/spray	
Clear colourless liquid		Clear liquid		Clear, yellowish liquid		Clear, light yellowish liquid		Clear, yellow-brownish liquid	
4 – 8%		2 – 6%		1 – 5%		1 – 3%		10 – 30%, 1 – 5%	
+40°C to +80°C		+50°C to +80°C		+40°C to +80°C		+30°C to +80°C		+50°C to +90°C	
BONDERITE C-AK 5800 Liquid spray cleaner for degreasing of steel parts and plastic <ul style="list-style-type: none"> • Contains alkalis, phosphates, salts of organic acids, non-ionic surfactants • High degreasing performance • Usable in all water qualities 		BONDERITE C-AK 5520 Liquid spray cleaner for all metals <ul style="list-style-type: none"> • Contains silicates, surfactants • Contains inhibitor for use on aluminium • Low foaming 		BONDERITE S-PR 6776 Cleaning before machining and corrosion protection after machining <ul style="list-style-type: none"> • Organic corrosion protectors of solubilisers, mineral oil fractions • Applicable in immersion and spray process • All metals • Corrosion protection for long term storage 		BONDERITE C-NE 3300 Water-based neutral cleaner <ul style="list-style-type: none"> • Organic corrosion inhibitors • Very good demulsifying behaviour • Multi-metal • Applicable in all kinds of processes • Salt-free 		BONDERITE C-IC 3500 Pickling and derusting agent for immersion and spray processes <ul style="list-style-type: none"> • Contains phosphoric acid, sulphuric acid, inhibitor • Fast pickling • Contains inhibitor • Ideal for equipment cleanouts 	