

COMPANY PROFILE

Dexu New Material (Guangzhou) Co., Ltd. was founded in 2012 in Guangzhou Science City, a leading innovation hub for China's new materials sector. As an innovative enterprise, we specialize in R&D, production and sales of metal corrosion prevention products that are widely used in a variety of industries including automotive, marine, aerospace, semiconductor 3C electronics, new energy, and water-based anticorrosive coating. The products may also be used for industrial lubrication, metal surface treatment, heavy oil stain cleaning, and educational toys. Our major customers include BASF, HP, Henkel, Mattel, MOOSE, China State Shipbuilding Corporation.

The company is spearheaded by a high-caliber R&D team featuring postdoctoral researchers from Tsinghua University and prestigious universities of the U.S. and Europe. Our innovative team currently holds 13 granted patents, has received numerous provincial and municipal innovation funds and awards.

Our 16,000 square meter facility is ISO9001 accredited and includes GMP production workshops and highly automatic and intelligently controlled production lines which enable us to meet global clients' demands for premium quality and customized production.



*Innovating Green Materials,
Safeguarding Human Health.*



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Dexu New Material

Wax Remover

Isopropyl Alcohol Amine DX6508

DX6508 has excellent stain removal, permeability, foaming, and compatibility. It can be applied to cleaning systems such as industrial wax removers, industrial oil removers, and civilian oil removers. It is an indispensable raw material in the cleaning field.

Specifications

Product name	DX6508
Ionic type	Nonionic
Appearance (25°C)	Yellow transparent liquid
Density (20°C, g/cm ³)	1.00
pH Value (1% aqueous solution)	9.5-11.5
Surface tension (1% aqueous solution, mN/m)	26.7
Cloud point (1% aqueous solution, °C)	> 95
Stability	1 year

Performance characteristics

- ⬡ Mild and non irritating.
- ⬡ It has excellent resistance to hard water and calcium soap dispersibility, and the foaming power is not affected by water hardness and pH value.
- ⬡ Good compatibility, able to be used in combination with anionic and cationic surfactants.
- ⬡ It has a good foam stabilizing effect on anionic surfactants.

Industrial Applications

- ⬡ It is applied to the cleaning agent system and has better results when combined with DX-S202, DX86, DX1639, etc. it is recommended to add 2% -8% DX6508 of the original solution.

Special Organic Amine OLEATE DX86

DX86 is an organic compound formed by the combination of special organic amines and oleic acid, which is environmentally friendly and harmless to the environment. It has excellent wax solubility, ash removal, rust prevention, and copper corrosion inhibition properties. It is suitable for wax removal systems.

Specifications

Product name	DX86
Ionic type	Nonionic
Appearance (25°C)	Yellow transparent liquid
Density (20°C, g/cm ³)	1.00
pH Value (1% aqueous solution)	9.5-11.5
Surface tension (1% aqueous solution, mN/m)	26.0
Cloud point (1% aqueous solution, °C)	> 95
Stability	1 year

Performance characteristics

- ⬡ Fast wax removal speed, capable of quickly dissolving, peeling, and removing wax at room temperature.
- ⬡ Wide range of wax removal, including Carnauba wax, Microcrystalline wax, polishing wax and other waxes.
- ⬡ Strong wetting and permeability ability, able to quickly dissolve and peel off stubborn wax scale in pores.
- ⬡ Excellent rust prevention performance, with strong acid neutralization ability, can be used for rust prevention after pickling.
- ⬡ Excellent copper corrosion inhibition performance.

Industrial Applications

- ⬡ It is suitable for detergent system, recommended for Ferrous and copper alloy detergent, and the recommended amount of stock solution is 3% -5%.
- ⬡ For metal working fluids, it is recommended to add 3% -5% DX86 of the original solution.
- ⬡ When combined with DX6508, the effect is better, and it is recommended to add 5% -15% DX86 of the original solution.

Efficient Wax Remover DX108A

DX108A is a high-performance water-based wax removal composite agent composed of wax dissolving agent, surfactants, etc. It can be used for removing wax, hanging ash, oil stains, fingerprints and other stains after polishing stainless steel workpieces. It is widely used in various fields such as precision hardware, lighting accessories, kitchen and bathroom utensils.

Specifications

Product name	DX108A
Appearance (25°C)	Yellow transparent liquid
Density (20°C, g/cm ³)	1.02
pH Value (1% aqueous solution)	9.5-11.5
Surface tension (1% aqueous solution, mN/m)	27.3
Stability	1 year

Performance characteristics

- ⬡ Super strong wax-removing and stain-removing power, capable of quickly and efficiently removing stubborn wax deposits from meshes, deep holes and gaps.
- ⬡ Workpieces after cleaning are free of residual dust and the brightness of high-gloss parts remains unaffected.
- ⬡ Economical and durable.
- ⬡ As a water-based wax remover, it is non-flammable, non-explosive, safe and environmentally friendly.

Industrial Applications

- ⬡ Applicable in wax remover liquid and wax remover powder systems, with a recommended undiluted addition amount of 10%-20%.
- ⬡ Can be directly diluted into wax remover for use by adding 30%-50% of the undiluted product.