Kleenstrip A/Gardostrip 7048

Cleaner, Paint Stripper and Decarboniser

Product Description

Kleenstrip A/Gardostrip 7048 System is a two part system made up of Kleenstrip A, a blended alkaline powder and Gardostrip 7048, a solvent component. It is formulated to remove organic soils, and paint from either ferrous or non ferrous metals. This Kleenstrip A/Gardostrip 7048 system is designed for use in agitated immersion cleaning units.

Kleenstrip A/Gardostrip 7048 can be a drop-in replacement for methylene chloride strippers in some applications, only requiring the addition of heating and agitation. Simple air agitation is often adequate.

Features and Benefits

- Safe on aluminium and zinc.
- Synergistic solvent and detergent action penetrates stubborn soils and paint finishes.
- Emulsifiers assist in suspending oils within the bath and aid in preventing redeposition of oils/paint onto work surface.
- Paint residues easily filtered.
- Drop in replacement for methylene chloride.

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Internal

Physical and Chemical Characteristics

Kleenstrip A		
Form	:	Free flowing powder
Colour	:	Off white
pH (solution) @ 20 g/l	:	12.4
Gardostrip 7048		
Form	:	Liquid
Colour	:	Tan
pH	:	N/A

Special Note : Kleenstrip A/Gardostrip 7048 is generally safe to use on steel, cast iron, aluminium and zinc. Kleenstrip A/Gardostrip 7048 is not safe to use on magnesium.

Recommended Operating Conditions

These recommendations are based on field experience and variations may be required for specific applications.

Immersion Tanks:

Concentration	:	Kleenstrip A	10-25 grams per litre
		Gardostrip 7048	10% v/v
Temperature	:	40^0 to 60^0 C	
Time	:	10-60 minutes (depending on soil conditions, paint type* and degree of agitation.).	

*Epoxy and polyurethane paint finishes will require longer contact times. Removal times also depend on the quality of the paint-to-metal bond. Powdercoat on pretreated aluminium will require Gardostrip 5628A.

Bath Control

<u>Kleenstrip A:</u>
Take a 10ml sample from the bath. Add about 100ml water.
Add a few drops of phenolphthalein indicator and titrate with 0.1N acid until colourless.
Calculate concentration as follows:

mls x 1.4 = g/litre Kleenstrip A.

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Kleenstrip A is added to maintain approx 20 g/litre.

Gardostrip 7048:
Take a 100ml stoppered graduated cylinder. Add 2 teaspoons of salt. Then fill to the 100ml line with a sample of the bath. Shake to dissolve salt.
Stand for ½ hour to allow solvent layer to form on the top.
Measure the mls of the solvent that forms. (M)

Calculate M+5 = % of Gardostrip 7048 in the bath .
Note that the result is approximate as the solvent layer may also include oil removed form the parts cleaned.
Add Gardostrip 7048 as required to maintain approx 10% v/v. OR as required to maintain performance.

Equipment

Kleenstrip A/Gardostrip 7048 can be used in any mild steel or stainless steel equipment. Pumps used for agitation may be any material resistant to alkalis and solvents, such as mild steel, stainless steel, polypropylene etc. Since Kleenstrip A/Gardostrip 7048 is a decarboniser, carbon faced seals may soften and should be replaced with ceramic and tungsten carbide. Neoprene packing glands should not be used.

Packaging

Kleenstrip A available in 25 and 200Kg containers.
Gardostrip 7048 available in 20 and 200 Litre containers.

Safety, Transport and Storage Information

Please refer to the Safety Data Sheet.

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