

ASA Bio-Derosta[®] gel C-1

Biological complexing agent in form of a gel for de-rusting

- Description: Biological complexing agent for removal of rust from metal parts in form of a gel.
- Transparent, light yellow gel with thixotropic character
 - With scent
 - Not aggressive against paints or plastics
- Product benefits: The currently most used procedures for de-rusting are
- Etching with hydrofluoric acid or other highly concentrated inorganic acids
 - Sandblasting
- The use of ASA Bio-Derosta[®] has the following advantages:
- No wear of tools
 - No adverse effects on the health of the participants due to corrosive vapors or dusts
 - Skin friendly pH
 - > 98% biodegradable
- Application: Pretreatment
- The metal parts should be cleaned to get rid of the fat. The rusty surfaces also should be paint free.
- De-rusting
- Apply a 1 to 2 mm thick layer of ASA Bio-Derosta[®] gel with a brush or spatula to the metal surface. Duration of de-rusting depends on both thickness of the rust layer and lasts 10 minutes to 1 hours. It is important to cover the parts completely with gel. The de-rusting process is finished if the rust is easily rubbed or washed of.

After treatment

Wash up the parts thoroughly with water and remove the remaining gel with a towel. Big parts should be hosed down by using high pressure. The parts can be treated with commercial preservatives to prevent from rusting again.

Order-No.: 9055

Delivery form: light-yellow, clear gel

Storage: dry at room temperature (ca. 20°C)

Shelf life: at least 1 year

Effect of ASA Bio-Derosta® gel:



III. 1: Rusty stovepipe

Partially de-rusted stovepipe after 1 hour treatment with ASA Bio-Derosta® gel

Behavior of Plastics and painted surfaces:

The following illustrations show that there is no damaging effect of ASA Bio-Derosta[®] gel on painted surfaces or plastics.



III. 2: Untreated painted metal sheet

Painted metal sheet after 24 h treatment with ASA Bio-Derosta[®] gel



III. 3: untreated plastic radiator grill

Plastic radiator grill after 24 h treatment with ASA Bio-Derosta[®] gel