



## IN-HIBIT

### CONCENTRATED UNDERBODY CORROSION INHIBITOR

#### Product Description:

**Aquashine IN-HIBIT** is a water-based Organic Citrate Passivation & Polymeric Amine Inhibitor product that forms a chemical bond to the underbody of vehicles. This film is resistant to salt penetration, and water washing. IN-HIBIT is suited to in-bay autos or tunnel wash equipment. As a spray on application IN-HIBIT reduces corrosion of underbody metal.

#### Features and Benefits

- Improves corrosion control with regular application
- Foam-on or Spray-on application
- Concentrated to allow low in-use cost

#### Physical Characteristics

- Colour: Purple
- Odour: Citrus
- Foam: Moderate
- pH 1%: 9.5–10.5
- Biodegradable

#### Application Guide / Use Application

- For Hydrominder use: Under sealer Application Dilute at 100:1.
- For direct injection metering pump applications 20-30mL per vehicle pass.
- Product cannot be titrated, measure by volumetric calibration.

# Technical Bulletin



## IN-HIBIT Corrosion testing:

As part of the laboratory development program for Castle Aquashine 'IN-HIBIT' underbody spray product, a corrosion inhibition test was undertaken.

Three steel coupons were prepared:

- A) Control, no treatment given
- B) Sprayed with weak salt solution (50mg/L NaCl) then rinsed with 10 second high pressure spray of 1:100 Castle Aquashine IN-HIBIT.
- C) Sprayed with weak salt solution (50mg/L NaCl) then rinsed with 10 seconds high pressure spray of plain water (town main sourced).

All coupons were then left in an open lab environment for 10 days.



**Before  
Spray Application**



**After  
10-Day Period**

Coupon B (Sprayed with IN-HIBIT) is still bright and free from corrosion, it is still as good as the control; A.

Coupon C (No Inhibit) shows rust and general corrosion on faces, edges and in hole.

**Conclusion:** Castle Chemicals 'IN-HIBIT' provides excellent corrosion protection of bare steel, even after salt spray application.

**SHELF LIFE:** As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of **24 months** from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.