

F 2910

**DEWE MVS 1123**

GA: 275

**Component A**

**Pre-rinsing salt for manganese phosphating**

**MVS 1123**

Serves to **pre-rinse, activate** in manganese phosphating.

**MVS 1123**

Is a pretreatment agent to produce fine crystalline, dark and closed manganese phosphate coatings on iron/steel surfaces.

Component **MVS 1123 B solution** is used to adjust the **pH value** to pH 9.5± 0.3 (approx. 1% of additive per container per pH value) to produce especially **thin** coatings.

**Application:** In the **dipping process**.

MVS 1123 A is added to the water filled container in the desired concentration while stirring (0.5 – 1%) Pre-diluting the relevant salt quantity in a bucket or such is logical.

The pre-activation bath should be constantly moved by blowing in air or other suitable measures, so that the suspended salts cannot settle on the bottom of the container.

This must also be considered for weekends and at the end of the shift.

**Parameters:**

Working temperature	: 20 - 50 °C
Treatment period	: 1 – 5 minutes
Concentration	: 0.5 - 1 kg MVS 1123 / 100 l of water
pH range	: 8 + / - 1

This designates standard values which can be corrected depending on the system and requirement, in order to deal with the requirements. The correct adjustment with the subsequently applied manganese phosphate product is a requirement.

Monitoring occurs via the pH value. This should never be **below pH 7**.

A regeneration of the bath is then recommended.

**The pre-rinse bath, however, should be replaced every week.**

**Environment:**

MVS 1123 A is a weak water-hazardous material according to WHG (Water hazard classification 1)

**Product safety:**

In accordance with the German Ordinance on Hazardous Substances **MVS 1123 A** is subject to be labelled.

**Hazard symbol:**



GHS07

GHS08

Signal word: **Warning**

For further specifications refer to the EC safety data sheet.

**Safety measures:**

Prior to using and handling MVS 1123, the relevant **Material Safety Data Sheet** must be carefully read. The instructions must be followed.

**Storing the product:**

According to the hazardous materials regulation  
Storage classification 10 -13 according to the VCI guideline, store containers in a dry place.

**Waste water:**

All waste water must be disposed of according to the legal regulations and local codes before reaching the sewage system.

**Disposal:**

Solution : EAK<sub>AVV</sub> 11 01 11\* *watery rinsing solutions that contain hazardous materials.*

Salt: EAK<sub>AVV</sub> 06 03 13\* *solid salts and solutions that contain heavy metals*

Contaminated packaging : EAK<sub>AVV</sub> 15 01 10\* *Packaging that contains residue of hazardous materials or which are contaminated by hazardous materials*

**Warranty:**

The statements listed here have been made according to our best knowledge based on practical and laboratory analyses, however, are without any guarantees. Since we cannot influence any deviating use of our products, we only assume liability for the delivery condition. Our field service and our development and application engineering department will be available for any questions regarding application (Telephone 09122 / 9868-19).