

riag Act 692 Inhibitor

Inhibitor for Acid Pickling on Steel

riag Act 692 Inhibitor is an inhibitor for acid pickling on steel and thus protects the base metal from attack. Due to its low application concentration, the product is extremely economical in use.

Ansatzwerte

Acid (Examples)	Hydrochloric acid (32 %)	Sulfuric acid (96 %)
Amount	500 – 1000 mL/L	50 – 100 mL/L
riag Act 692 Inhibitor	0.5 – 10 mL/L	0.5 – 10 mL/L
Temperature	20 – 50 °C	40 – 60 °C
Time	1 – 30 min	1 – 30 min
Fume extraction	essential	recommended

The duration of the pickling process depends on the corrosion and the movement of the parts. The concentration of **riag Act 692 Inhibitor** depends on the required pickling attack.

Make up

The tank is filled with the maximum possible amount of water and the required amount of acid is carefully added. Then add the required amount of **riag Act 692 Inhibitor** and mix. After reaching the working temperature, the pickling is ready for use.

Maintenance

riag Act 692 Inhibitor can be prepared with different concentrations depending on the application. However, the working concentration of the acid(s) must be checked by determining the density or a mass analysis when preparing a new mixture. Additions of acid and **riag Act 692 inhibitor** must be made aliquot.

Environmental considerations and product safety

All concentrates, rinse waters and waste solution must be treated and discharged in accordance with local effluent control regulations. Information can be gleaned from the material safety data sheets. Chemicals shall not be stored below 10 °C.

Liability

This instruction manual was compiled with reference to the state of the art and all current standards, and is based on the long-term knowledge and experience of riag. However, riag cannot monitor compliance with this instruction manual and the methods described herein at the customer/end-user's premises. Work carried out with riag products must be adapted accordingly to meet local conditions. In particular, riag cannot accept liability for damage, loss or cost incurred due to a failure to adhere to this instruction manual, improper application of the methods, unauthorised technical modifications, insufficient maintenance or the absence of maintenance in respect of the requisite technical hardware or equipment, or in the event of use by unqualified personnel. riag is not liable for damage or loss caused by riag or its employees except where intention or gross negligence can be proved. riag furthermore reserves the right to make changes in relation to products, methods and the instruction manual without prior notice.

Our goods and services are subject to the General Terms and Conditions for Delivery of the Association of Surface Technology Suppliers (VLO), which can be viewed at www.riag.ch (link "terms and conditions", document "General Terms and Conditions for Delivery", version 3/2018), which we gladly send you on request.

This transaction is governed by material Swiss law (Law of Obligations), excluding private international law (conflict of laws) and intergovernmental treaties, specifically the CISG.

riag Oberflächentechnik AG
Murgstrasse 19a
CH-9545 Wängi
T +41 (0)52 369 70 70
F +41 (0)52 369 70 79
riag.ch
info@riag.ch