

# STAINLESS RESTORATION LTD

## STAINLESS RESTORATION LTD

POWERFUL NEUTRALIZING AGENT - FOR ACIDIC WASTE



enerjex®

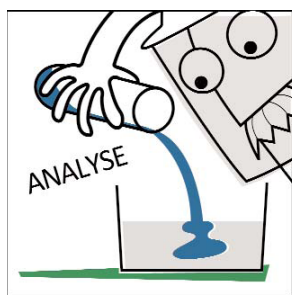
# 520

**PRODUCT:** ENERJEX 520

**APPLICATION:** NEUTRALISATION OF ACID WASTE FROM: PICKLING PASSIVATION AND ACID CLEANING OPERATIONS.

CAN BE ADDED TO WASTE RINSE WATER ONCE THE WATER IS COLLECTED IN A SUITABLE PIT/TANK/CONTAINER

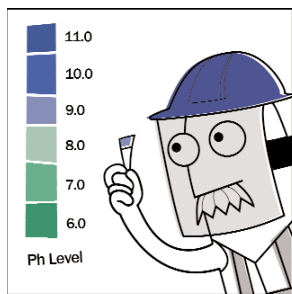
### GENERAL:



ENERJEX 520 is a strong alkaline agent that can be used for neutralising acid waste resulting from; Pickling, passivation or cleaning operations. In order to comply with local water authority regulations all acid-waste needs to be treated before discharging to the local public sewer system.

Note: A licence to discharge will need to be obtained before legal permission is given to discharge.

Consult your local authority or ask SRL for advice.



ENERJEX 520 neutralising agent:

- Gives rapid precipitation of Chromium and Nickle in the form of a sludge which can be sent for disposal.
- Helps adjust the pH of the waste-acid to the required level, typically 6 - 10 pH

### CHEMICAL PROPERTIES:

**Composition:** Alkaline compound

**Form:** Liquid

**Density:** 1.3 kg/l

**pH:** 13

**Flash point:** -



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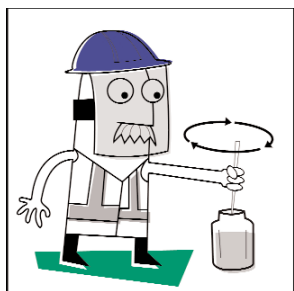
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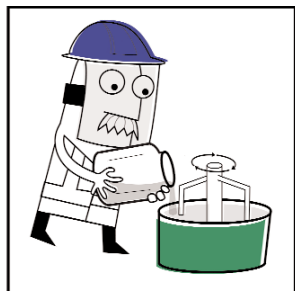
# 520

### HOW TO USE:



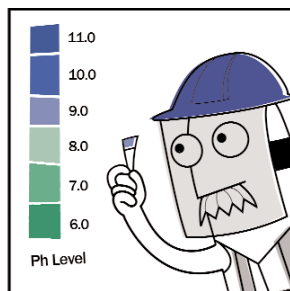
1) Stir the Neutralising agent before use. Added to the rinse water once the rinse water has been collected in a suitable container.

always add chemicals to the water and NOT the other-way-around.



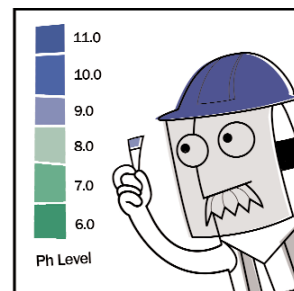
2) Add small amounts of the Neutraliser agent to the rinse water whilst stirring. **Warning: heat will be generated when mixing!!!** To accelerate the precipitation of metals and sludge

ENERJEX 550 flocculant agent should be used in conjunction with ENERJEX 520.



3) Optimum precipitation of heavy metals is obtained at pH 9. Check this with pH indicator paper.

To accelerate the precipitation of metals and sludge ENERJEX 550 can be used in conjunction with ENERJEX 520.



4) When the waste water has a pH value of 6 - 10 it may be able to be discharged into the drain system

Note: The heavy metals need to be collected and disposed of separately.

### PACKAGING:

ENERJEX 520 is supplied in 25lt, 205lt and 1000lt containers. Larger sizes on request. All containers are UN certified and carry correct labelling.

### STORAGE:

ENERJEX 520 should be stored indoors at room temperature.

Containers must be kept in an upright position and the caps properly sealed and away from unauthorised persons.

### SAFETY FIRST:

As always when using chemicals proper protective clothing must be worn; See Safety Data (SDS) sheets.

### ENVIRONMENT:

The waste produced after pickling needs to be collected and neutralised before entering the public sewage system. Stainless Restoration offer neutralising products to assist in this cause. Stainless Restoration will give advice FREE of any charge concerning disposal issue. See Safety Data (SDS) sheets.

Information given in this leaflet may be subject to alteration without notice

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Stainless Restoration Ltd

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