STAINLESS RESTORATION LTD

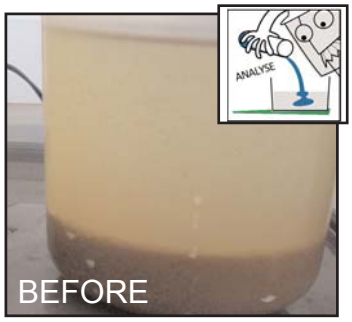
FLOCCULATING AGENT - FOR pH CORRECTED WASTE

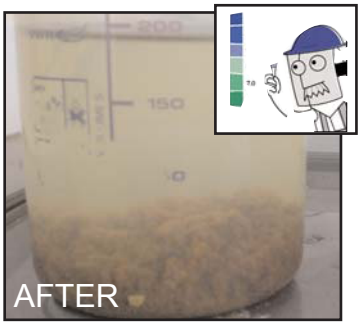
enerjex 550

PRODUCT: ENERJEX 550

APPLICATION: FOR USE IN ASSISTING/SPEEDING-UP SETTLEMENT OF SOLIDS PRODUCED FOLLOWING EFFLUENT TREATMNT OPERATIONS. EFFECTIVE OVER A RANGE OF pH's. CAN BE UTILIZED FOR A WIDE RANGE OF METAL FINISHING EFFLUENTS. NEUTRALISATION OF ACID WASTE FROM: PICKLING PASSIVATION AND ACID CLEANING OPERATIONS. DESIGNED TO BE ADDED TO WASTE ONCE COLLECTED FOLLOWING RINSE DOWN STAGE.

GENERAL:





ENERJEX 550 is an aluminium-based flocculating agent for use following effluent neutralization.
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 disharge.
Consult your local authority or ask SRL for advice.

ENERJEX 550 flocculating agent:
- Gives rapid settlement of metal hydroxides in the form of a sludge which can be sent for disposal (or passed through a filter press).
- Helps the drop-out of metals from solution after pH correction is made typically 6 -10. It is within this range that maximum precipitation of the metal salts will occur, resulting in a waste water that complies with local water authority levels.
- Should be used in conjunction with ENERJEX 520 neutralising agent for pH adjustment between 6 - 10.

CHEMICAL PROPERTIES:

Composition:	Contains
Form:	Liquid
Density:	1.1 kg/l
pH:	1
Flash point:	n/a

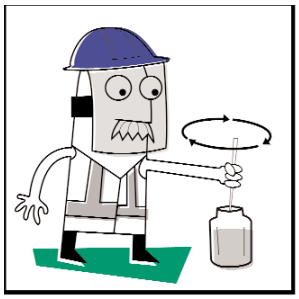


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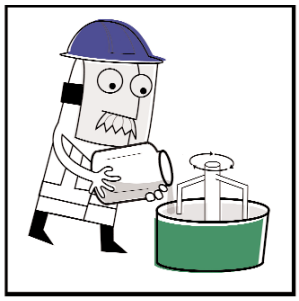
FLOCCULATING AGENT - FOR pH CORRECTED WASTE

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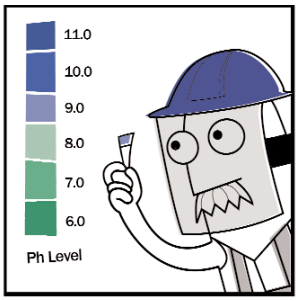
HOW TO USE:



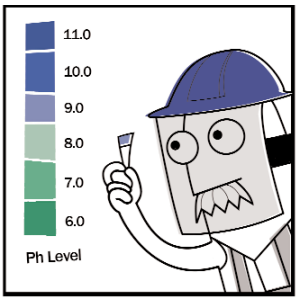
1) Stir the flocculating agent thoroughly before use. Product is designed for use undiluted.



2) Add the flocculating agent to the effluent dosing system, for addition to treated material transferred to settlement tank. Most effective dosing rate should be determined experimentally, but is usually in the range of 0.1 - 1ml of flocculating agent per 1 ltr of treated effluent.
Agent can alternatively sprayed onto surface of settlement tank to assist settlement - ensure thorough mixing after spraying.



3) Optimum settlement of metal hydroxides occur at pH 9. Check this with pH indicator paper.



4) Following complete settlement the waste water should have a pH value of 6 - 10. It may now be discharged into the drain system.

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

PACKAGING:

ENERJEX 550 is supplied in 25lt containers. Larger sizes on request.

All containers are UN certified and carry correct labelling.

STORAGE:

ENERJEX 550 should be stored indoors at room temperature.

Containers must be kept in an upright positionand 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) sheet.

ENVIRONMENT:

All discharged effluent must comply with all local regulations. Stainless Restoration will give advice FREE of any charge concerning disposal issues.
Aways consult with relevant local authorities regarding effluent discharge issues.
See Safety Data (SDS) sheet.

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Stainless Restoration Ltd
Unit M1 Adamson Industrial Estate, Croft Street, Hyde, Cheshire SK14 1EE
Tel: 0161 368 6191 Fax: 0161 366 9790 www.stainrest.com