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## User manual fo Rostio Trankentroster Concentrate

### Mixing ratio:

The Rostio tank deruster concentrate is diluted in a ratio of 1:10. This means that one liter of concentrate produces 10 liters of ready-to-use rust removal solution. Please do not underdose! Check the actual tank volume in advance. 1 liter of tank deruster is required per 10 liters of tank capacity.

### Preparation:

Clean the tank thoroughly and remove sand, dirt and resinified fuel residues. **Resinous fuel residues greatly impair the effect of the tank scaler** and must be removed with a suitable solvent (e.g. Rostio Tank Cleaner R2106/R2111).

The tank must be **free of grease and oil**. Tanks with previous mixed operation (e.g. two-stroke engines) should also be treated with Rostio Tank Cleaner (R2106/R2111) or Resin Remover. If subsequent sealing is desired, acetone is required for degreasing.

Remove the fuel tap and other attachments such as the tank sensor. Seal the tank with a plug or similar material. **A hole must be left open at the highest point** to allow any gases and expanding liquids to escape. If tank deruster escapes and runs over the paintwork, rinse it off thoroughly with water. Drying should be prevented.

**Aluminum parts**, such as the tank cap, must not be derusted at the same time.

Tanks with non-removable built-in parts (e.g. riveted holders for fuel pumps) can be damaged during rust removal. **Check in advance whether these parts are acid-resistant.**

### Application:

1. Shake Rostio Tank Deruster Concentrate well and pour directly into the tank.
2. Add 9 liters of hot water (60 - 70°C) per liter of concentrate. Alternatively, cold water can be used, but this will extend the reaction time considerably.
3. Heavily rusted tanks should be kept at temperature during application (e.g. with the Rostio Tank immersion heater R2107). A timer (e.g. switch on for 15 minutes, then pause for 15 minutes) helps to avoid overheating. If no immersion heater is available, the tank can be wrapped in a blanket or bubble wrap.
4. The **temperature must not exceed 70°C**, as the active ingredient in the tank de-icer can crystallize. This occurs in particular when the outside temperature is below 15°C. If this happens, the crystals can be dissolved by alternately pouring in the heated tank scaler and rinsing with water. This process must be repeated until all crystalline deposits have been removed.
5. **Important:** Do not dispose of the rust removal solution until the tank derusting process is complete. There may still be residual rust in the tank after the first pass. The tank deruster can be reheated and added to the tank at any time.

The tank **must be completely flooded with the solution** to ensure uniform rust removal.

**The time required** depends on the degree of rusting. We recommend a check after approx. 12 hours. For this purpose, the tank deruster can be drained from the tank and collected. If the tank is not yet completely rust-free, simply put the tank scaler back into the tank.

Light rust film can be removed within approx. 30 minutes, while heavy rust formation may require several days for rust removal.

Please turn



### Follow-up treatment:

After rust removal, rinse the tank thoroughly with plenty of water. All acid residues must be removed from the tank. If flash rust forms, acid residues are usually responsible. **Flash rust** can be removed by reapplying the **collected tank rust remover**.

To prevent rust from forming again, rinse the tank with undiluted **Rostio Tank Protective Emulsion (R2109)** immediately after rinsing.

Empty the tank completely and allow it to drain well. The drying time is 2 to 6 hours, depending on the humidity and ambient temperature.

If permanent sealing with Rostio Tank Sealer (R2105) is desired, the tank must first be thoroughly cleaned with acetone. Apply according to the enclosed instructions. If the tank has been treated with the tank protection emulsion, **2 rinses with 250 ml acetone each** (for motorcycle tanks) have proven effective.

Disposal: If you have not derusted a toxic or chemical tank, normal household quantities can be disposed of via the sewage system. Please observe any regulations at your location and rinse thoroughly to prevent rust particles from settling in the pipe.

### Product advice & contact:

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### Hazard warnings:

Causes serious eye irritation. May cause respiratory irritation.

### Safety instructions:

Medical advice is required, keep the packaging or label ready. Keep out of reach of children. Wear protective gloves and eye/face protection. IN CASE OF CONTACT WITH EYES: Rinse carefully with water for several minutes. If possible, remove contact lenses. Continue rinsing. If eye irritation persists: Seek medical advice/ assistance. Dispose of in accordance with local regulations.

### Note:

May be corrosive to metals.