



2011
PRODUCT LIST

PRODUCT	pH & CONDUCTIVITY IN BATH AT 25°C	TYPICAL USE	IMPORTANT!
DST-DEGREEZ/2	Neutral Usage concentration 5% pH 7.1 mS/cm > 5.5	Can be used on all metals and alloys and neutral oils.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound.
DST-DEGREEZ/3	Slightly alkaline Usage concentration 5% pH 10.6 mS/cm > 4.0	Can be used on most metals and alloys. Good results with renovation goods.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound. Can discolour zinc and forged/hot-pressed brass. DST-DEGREEZ/3 can be used at higher temperatures.
DST-DEGREEZ/3P	Slightly alkaline Usage concentration 5% pH 10.9 mS/cm > 4.0	Can be used on most metals and alloys. Good results with renovation goods. Temporary corrosion inhibition.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound.
DST-DEGREEZ/3PX	Slightly alkaline Usage concentration 5% pH 11.1 mS/cm > 4.2	Can be used on most metals and alloys. Good results with renovation goods. Temporary corrosion inhibition.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound. May reduce precipitation from special oils and very hard water.
DST-DEGREEZ/4	Slightly acidic Usage concentration 5% pH 5.3 mS/cm > 4.5	Metals such as brass, silver and steel. Also for acidic oils with pH < 6.0.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound.
DST-DEGREEZ/5	Acidic Usage concentration 5% pH 3.4 mS/cm > 4.5	Aluminium, brass and copper.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound.
DST-DEGREEZ/6	Neutral Usage concentration 5% pH 6.6 mS/cm > 7.5	Special product for removal of rust from steel objects. Can in several cases be used for degreasing.	Washing temperature from 15°C. The product is used in a 5-20% solution.
DST-DEGREEZ/7	Acidic Usage concentration 5% pH 3.7 mS/cm > 4.1	Aluminium, brass and copper. Possibly stainless steel. Can be used for cleaning of aluminium after thermal deburring.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound.

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DST-DEGREEZ/8	Alkaline Usage concentration 5% pH 12.3 mS/cm > 9.1	Is used on objects with chlorinated oils and other difficult oils etc. Iron and stainless steel.	Washing temperature from 38°C.
DST-DEGREEZ/8X	Alkaline Usage concentration 5% pH 12.3 mS/cm > 10.5	Is used on objects with chlorinated oils and other difficult oils etc. Iron and stainless steel.	Washing temperature from 38°C. May reduce precipitation from special oils and very hard water.
DST-DEGREEZ/9	Slightly alkaline Usage concentration 5% pH 9.4 mS/cm > 7.5	Is used on aluminium, brass, copper, stainless steel, ordinary steel and cast iron.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound. Has good temporary corrosion inhibition ability.
DST-DEGREEZ/10	Acidic Usage concentration 5% pH 3.4 mS/cm > 4.7	Metals such as brass, silver and steel – for screw factories. For acidic oils with pH < 6.0.	Washing temperature from 38°C. Can be used at room temperature in connection with ultrasound.
DST-DEGREEZ/11	Neutral Usage concentration 5% pH 7.3 mS/cm > 5.2	Can be used on all metals and alloys and neutral oils.	Washing temperature from 38°C.
DST-DEGREEZ/12	Alkaline Usage concentration 5% pH > 12.2 mS/cm > 11.0	Tools cleaning in the woodworking industry (such as saw blades).	Cleans very difficult items such as resin from saw blades. Highly alkaline.
DST-DEGREEZ/13	Slightly alkaline Usage concentration 5% pH 10.1 mS/cm > 3.7	After hardening of steel with huge oil amounts.	Washing temperature from 38°C.
DST-DEGREEZ/13P	Slightly alkaline Usage concentration 5% pH 10.8 mS/cm > 4.0	Used after hardening of steel with large amounts of oil in a one-chamber washing plants with one or two tanks. Temporary corrosion inhibition.	Washing temperature from 38°C.
DST-DEGREEZ/14	Slightly alkaline Usage concentration 5% pH 10.9 mS/cm 2.9	For light contaminations/light oil/light soiling.	Washing temperature from 38°C.

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DST-PAS/1	Slightly alkaline Usage concentration 1-2% pH 10.5-11.0 mS/cm 0.5	Temporary corrosion inhibition, water-based.	Is, if necessary, used after treatment with DST-DEGREEZ® degreasers. <i>Please see INFO # below.</i>
DST-PAS/2	Neutral Usage concentration 1-2% pH > 8.2 mS/cm 3.5	Temporary corrosion inhibition, water-based.	
DST-PAS/3	Slightly acidic Usage concentration 3-5% pH 5.0 mS/cm < 0.5	Corrosion inhibition, water-based, on copper and brass.	
DST-PAS/4	Slightly alkaline Usage concentration 1-2% pH 10.3 mS/cm 1.0-2.0	Temporary corrosion inhibition, water-based.	Alternative for DST-PAS/1. Can with advantage be used for rinsing baths with hard tap water.
DST-PAS/5	Slightly alkaline Usage concentration 2-3% pH 11.0 mS/cm 0.5-1.0	Corrosion inhibition, water-based, primarily for steel and cast iron.	For temporary corrosion inhibition in immersion. Not suitable for spray systems.
DST-PAS/6	Slightly alkaline Usage concentration 2-3% pH 10.6 mS/cm 1.0-2.0	Corrosion inhibition, water based, primarily for steel and cast iron.	Can with advantage be used for spray systems.

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DST-DEGREEZ/T1	Neutral Usage concentration Typically 30% pH 6.5 mS/cm > 45.0	Removal of rust, cleaning after hardening etc. Is used after thermal or chemical deburring.	Washing temperature from 20°C. Is typically used in ultrasonic systems.
DST-DEGREEZ/T2	Slightly alkaline Usage concentration Typically 5% pH 9.2 mS/cm > 7.5	Is used in connection with DST-DEGREEZ/T1 as posttreatment after thermal or chemical deburring.	Washing temperature from 38°C.
DST-DEGREEZ/T3	Neutral Usage concentration 30% pH 5.8 mS/cm > 40.0	Removal of rust, cleaning after hardening etc. Is used after thermal or chemical deburring.	Washing temperature from 20°C. Is typically used in ultrasonic systems.
DST-DEGREEZ/A2		Additive for re-establishing the bath, when washing power is missing.	Should NOT be used alone.
DST-DEGREEZ/A3		Additive for cleaning the bath containing lots of oil and particles.	Should NOT be used alone. Must be used in very low concentrations: Often 0.2-0.3%. The bath must normally afterwards be re-established with DST-DEGREEZ/A2.
DST-DEGREEZ/M1	Acidic Usage concentration 5% When cleaning plants, a pH of < 4.0 must be obtained.	Cleaning of system before start-up with DST-DEGREEZ®.	Cleaning temperature from 38 to 60°C.
DST-DEGREEZ/M2	Slightly alkaline Usage concentration 5 % When cleaning plants, a pH of > 9.0 must be obtained.	Cleaning of system before start-up with DST-DEGREEZ®.	Cleaning temperature from 38-60°C. For the cleaning of washing plants with large amounts of oil, e.g. hardening plant and renovation. Not for fixed coatings such as lime and silicates.

DST-PAS/1

When controlling a bath in accordance with DIN 51360, it will reveal whether the inhibition is optimal. In order to achieve optimal inhibition, the bath must have a corrosion degree of 0 according to the DIN standard.

However, the corrosion inhibition durability of the metal objects depends on:






1. The quality of the raw water used.
2. The concentration of accumulated salts.
3. The cleanness of the objects before corrosion inhibition.
4. Chloride content.
5. The metal alloy.
6. Storage temperature as well as dew point.
7. So₂/Nox content in the air.
8. Air humidity.

The air humidity must be less than 50% during storage.

Experiences using DST-PAS/1 have shown that a corrosion degree of 0 according to DIN 51360 does not result in corrosion within a period of 3-6 months, obviously depending on storage conditions.

A corrosion test in accordance with DIN 51360 is a good supplement to control of a bath mixed with DST-PAS/1.

EFFICIENT DEGREASING WITH MANY ECONOMIC BENEFITS

-  **IMPROVED DEGREASING QUALITY – SIGNIFICANTLY HIGHER PERFORMANCE**
-  **ENERGY SAVINGS – DEGREASING AT LOW TEMPERATURES BETWEEN 38° AND 45°C**
-  **BETTER PRODUCTION EFFICIENCY – SHORTER WASH TIME**
-  **LESS WATER CONSUMPTION – LIFESPAN OF BATH UP TO 12 MONTHS**
-  **REDUCED ENVIRONMENTAL LOAD – REDUCES CO₂ EMISSIONS SIGNIFICANTLY**

