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Technical Data Bulletin

TURCO[®] 4215 NCLT

Material. No. 378121

LOW TEMPERATURE NON-CHROMATED ALKALINE SPRAY AND IMMERSION CLEANER FOR ALUMINIUM.

DESCRIPTION:

TURCO[®] 4215 NCLT is a granular mixture developed to remove oils, dust, shop dirt, protective oils, greases and fingerprints from aluminium alloys at low operating temperatures by spray or immersion methods.

TURCO[®] 4215 NCLT is free of silicate and chromate. It is ideal for cleaning aluminium prior to anodising, conversion coating, spot welding, bonding and other operations requiring a waterbreak - free surface.

TURCO[®] 4215 NCLT is not recommended for use on magnesium alloys.

BENEFITS:

TURCO[®] 4215 NCLT offers these benefits:

1. Non-chromated.
2. Non-silicate.
3. Will not attack aluminium steel, titanium or copper alloys.
4. Used at low concentrations.
5. Effectively cleans at low temperature, from 50°C to 60°C.
6. Non-foaming in spray and immersion system.
7. Easily controlled by simple titration.
8. Easily rinsed from surfaces.

USE INSTRUCTIONS:

SPRAY SYSTEMS: Add **TURCO[®] 4215 NCLT** to clean, room temperature tap water at 7½ g/L - 15 g/L of water. Increase temperature to 50°C to 60°C, with a contact time of 1 to 2 minutes for normal cleaning, at a spray pressure of 20 - 30 psi. Rinse with room temperature to warm water as soon as possible after removal of parts.

IMMERSION: Add **TURCO[®] 4215 NCLT** to clean, room temperature tap water at 45 to 60 g/L of water. Increase temperature to 50°C to 60°C, immerse parts with a contact time of 3 to 6 minutes.

Use air or mechanical agitation. Rinse with room temperature to warm water as soon as possible after removal of parts.

NOTE 1: TURCO® 4215 NCLT was developed for cleaning aluminium alloys, but it is also effectively in cleaning ferrous, titanium and copper alloys.

DISPOSAL INFORMATION:

Disposal of spent solution per local, state and regional regulations. Refer to your local HENKEL Territory Manager, district Sales Office or MATERIAL SAFETY DATA SHEET for additional disposal information.

CAUTION:

TURCO® 4215 NCLT contains borate and nitrates. Avoid contact with eyes, skin and clothing. Do not take internally. Use with adequate (equivalent to outdoor) ventilation.

Protective clothing, such as a chemical face shield or goggles, gloves, boots and apron made from alkali resistant neoprene, should be worn when handling this product. A dust mask should be worn when handling dry powder.

Store in closed containers away from excessive heat.

Refer to container label or MATERIAL SAFETY DATA SHEET for additional handling, storage and first aid information.

NOTICE:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.

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