



HENKEL Australia Pty Ltd  
A.C.N. 001 302 996

135-141 Canterbury Road  
KILSYTH VICTORIA 3164

Tel: (03) 9728 7200  
Fax: (03) 9728 5877  
Customer Service 1300 736 777

Distributed by  
Solvents Australia Pty Ltd  
ABN 74 003 523 117  
77 Bassett Street  
Mona Vale NSW 2100  
PO Box 928  
Mona Vale NSW 1660

Tel: (02)9979 6866  
Fax: (02)9979 6864

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## Technical Data Bulletin

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### TURCO SPRAYEZE R

Material No. 377370

#### HEAVY DUTY SPRAY AND IMMERSION CLEANER FOR FERROUS AND NON-FERROUS ALLOYS

##### DESCRIPTION:

TURCO SPRAYEZE R is an off-white powder formulated to remove drawing lubes, lube oil, marking inks and shop soils from ferrous and non-ferrous alloys.

TURCO SPRAYEZE R is ideal for cleaning parts prior to phosphating since it helps eliminate alkaline carry-over and does not contain free caustic. Special additives are incorporated in TURCO SPRAYEZE R that suppress dusting and hard caking tendencies, thus insuring TURCO SPRAYEZE R remains free flowing under most severe conditions.

##### BENEFITS:

TURCO SPRAYEZE R offers these benefits:-

1. Non-flammable in powder or solution form.
2. Can be used in spray or immersion systems.
3. Recommended for ferrous, non-ferrous alloys, including aluminium, zinc and magnesium.
4. Non-foaming at recommended concentrations and temperatures.
5. Free of sodium hydroxide and chromate.
6. Readily soluble in warm water.

##### USE INSTRUCTIONS:

##### TANKS:

Tanks and associated equipment may be fabricated from mild steel or stainless steel.

### SPRAY SYSTEMS:

Mixing: Add TURCO SPRAYEZE R to warm, circulating water at the ratio of 8 - 16 g/L. Clean parts at 60 - 70°C for 30 seconds to 2 minutes at a spray pressure of 20 to 30 psi.

Rinsing: Rinse with warm to hot water spray for 30 seconds to 2 minutes.

### Corrosion inhibition:

If temporary corrosion resistance is required, parts should NOT be rinsed. The residual coating will impart short term (approx. 1 month dependent on humidity etc) protection.

### IMMERSION SYSTEMS:

Mixing: Add TURCO SPRAYEZE R to warm, agitated water at the ratio of 30 - 45 g/L. Clean parts with air or mechanical agitation at 60 - 70°C for 2 to 10 minutes.

Rinsing: Rinse with warm to hot overflowing or spray water. Rinse tank should be changed daily for optimum results.

Corrosion Inhibition: If temporary storage is required it is advisable to maintain tanks at or above 12g/L. Parts are removed from the bath when cleaned and allowed to **air dry**. *RINSING* is NOT used and these cleaned and dry parts can be stored for short periods of time without further protection.

### CONTROL:

Your HENKEL Representative will supply you with test procedures upon request.

### DISPOSAL INFORMATION:

Dispose of spent solution per local, state and regional regulations. Refer to your local HENKEL Representative, HENKEL MATERIAL SAFETY DATA SHEET for additional disposal information.

### CAUTION:

TURCO SPRAYEZE R contains sodium silicate. 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 and gloves, boots and apron, made from alkali resistant neoprene should be worn when using and handling this product. Ship and store in closed containers away from excessive heat or direct sunlight. Refer to container label of HENKEL MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.

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Email Address: admin@solvents.net.au