

TURCO® SMUT-GO #1

DEOXIDIZER, DESMUTTER AND BRIGHTENER FOR ALUMINUM ALLOYS

DESCRIPTION:

TURCO SMUT-GO # 1 is an orange-white powder mixture formulated to deoxidize, de-smut and brighten aluminum alloys prior to conversion coatings, bonding, painting and anodizing by spray or immersion methods. .

TURCO SMUT-GO #1 removes oxide films from aluminum alloys and has been found to be beneficial to articles requiring spot welding by reducing the surface resistance of the metal.

TURCO SMUT-GO #1 is not recommended for use on casting grade aluminum alloys.

BENEFITS:

TURCO SMUT-GO #1 offers these benefits:

1. Supplied in powdered form.
2. Readily soluble in cold water at recommended concentrations.
3. Operates at low temperatures, from 70°F to 80°F.
- 4, Brightens most aluminum alloys.
5. Readily rinses from parts with warm water.

USE INSTRUCTIONS:

TANKS: Tanks and associated equipment can be fabricated from stainless steel or other acid resistant materials.

PRECLEANING: Parts must be thoroughly cleaned and free of surface soils prior to immersion in TURCO SMUT-GO #1. Your TURCO Territory Manager can recommend a suitable pre-cleaner, based upon your soil condition, production requirements and post treatment steps.

CHARGING TANKS: Fill tank to operating level with clean, cold water. Agitate water. Add TURCO SM UT-GO:#:1 at the ratio of 8 to 16 oz. per gallon of water with a contact time of 1 to 3 minutes for spray applications; 12 to 16 oz. per gallon of water with a contact time of 5 to 10 minutes for dip applications. Operating temperature is from 70°F to 80°F for spray and immersion tanks.

RINSING: Rinse with clean, warm water.

CONTROL:

Your TURCO Territory Manager will supply a TURCO TEST KIT, which contains the necessary glassware, solutions and instructions, and instruct your personnel in its use. A laboratory test procedure is available upon request.

DISPOSAL INFORMATION:

Dispose of spent solution per local, state and regional regulations. Refer to your local TURCO Territory Manager, District Sales Office, and OSHA FORM 20 SHEET or TURCO MATERIAL SAFETY DATA SHEET for additional information.

CAUTION:

TURCO SMUT-GO #1 contains chromic acid and hexafluorotitanate. 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 acid resistant neoprene should be worn when handling and using this product. A dust respirator, such as U.S. Bureau of Mines 2175 Model 7100 or American Optical R 2090 Red Devil with mist filter or equivalent, should be worn when handling dry powder or in cases where misting occurs.

Store in sealed containers in a dry place and away from combustible materials, such as oils, greases, reducing agents, wood and paper products.

Refer to container label, TURCO MATERIAL SAFETY DATA SHEET or OSHA FORM 20 SHEET for additional precautionary, handling 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 sellers sole obligation shall be to replace that portion of the product 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.