

TECHNICAL DATA SHEET**Absol DPS****Low Foaming Alkaline Cleaner**

Description	A high performance, heavy duty, low foaming alkaline cleaner intended primarily for ferrous metals.
Features	<ul style="list-style-type: none">• For use by spray, power washer, wash machine or dip.• A light brown, clear liquid.• A carefully developed blend of alkalis, chelatants, dispersants and surfactants, designed for optimum performance.• Will remove oils, greases, soaps, oxides, phosphate coatings and other soils prior to electroplating or other metal finishing operations.• Easy oil separation and forms no sludge.• Suitable for ferrous and non-ferrous metals such as copper, brass and zinc alloys.
Product Code	ABSO/DPS
SG	1.35 ± 0.1 kg/l at 15°C.
Equipment	The Absol DPS tank and water rinse tanks can be made of stainless steel, polypropylene or rigid PVC.
Initial Fill	The product can be used between 1% and 15% by volume (see Control Points below). Product should be added to a nearly full tank of HOT water, with continuous mixing. The tank should then be topped up with water to the operating level.
Application	The process sequence is: <ol style="list-style-type: none">1. Clean with Absol DPS dip for 1-5 min at 60°-70°C.2. 1st cold water rinse.3. 2nd cold water rinse.4. Proceed to subsequent chemical treatment.
Control Points	<p>If using as a spray wash:</p> <p>Concentration: 1 - 10% Temperature: 60° - 70°C Time: 1 - 5 min.</p> <p>If using as a soak cleaner:</p> <p>Concentration: 3 - 15% Temp: 60° - 70°C Time: 1 - 15 min.</p> <p>For non-ferrous metals, significantly lower concentrations are recommended.</p>
Analytic Control	<p>Titration:</p> <p>Pipette 25 ml aliquot into a conical flask and add 100 ml of water. Add 3 - 4 drops of phenolphthalein indicator. Titrate with 0.1 M hydrochloric acid (or equivalent). Colour change is from pink to colourless.</p> <p>Result: Each ml required x 0.5 = the % concentration of Absol DPS; (e.g. if 10 ml is required, the concentration of Absol DPS is 10 x 0.5 = 5%).</p>

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Rinsing	Rinse the work thoroughly in a water tank, ideally fitted with a weir and continuously overflowing with mains water.
Shelf Life	2 years from date of manufacture when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Technical Support	For technical support in using this product, please contact: e: birminghamtech@trimite.com , or t: 0121 554 7000.
Date of Issue	June 2021.

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