



ABSOL DPS

Alkaline Liquid Cleaner for Ferrous Metals

INTRODUCTION

ABSOL DPS is a light-brown, clear liquid with an s.g. of 1.33 @ 15°C. It consists of a carefully developed blend of alkalis, chelatants, dispersants and surfactants designed for optimum performance. ABSOL DPS is a highly concentrated alkaline liquid cleaner for ferrous metals. Developed for use by spray, power wash or immersion, ABSOL DPS will remove oils, greases, soaps, oxides, phosphate coatings and other soils prior to electroplating or other metal finishing operations.

BENEFITS

- Highly concentrated alkaline liquid cleaner for ferrous metals
- Ideal for use by spray, power wash or immersion applications.
- Removes oils, greases, soaps, oxides, phosphate coatings prior to electroplating/finishing.

OPERATING DATA

Absol SNR is normally operated under the following conditions:

1. SPRAY or POWER WASH

Concentration	1 - 10% (v/v)
Temperature	Ambient - 90°C.
Time	1 - 5 mins

2. SOAK CLEANING - (Generally used in conjunction with Surfactant Additive TARGET ABSOL SA)

Concentration	ABSOL DPS 3 – 10% ABSOL SA 0.5 – 2.0 % (if required)
Temperature	Ambient - 75°C.
Time	1 - 15 mins



3. **ELECTROLYTIC CLEANING** - The work may be cleaned anodically, or by periodic reverse if scale and smut removal are required.

Concentration	T. ABSOL DPS 8–15%
Temperature	Ambient to 75°C
Time	1 –15 minutes.
Current Density	25 –100 ASF NB.

Under normal circumstances, ABSOL DPS contains sufficient surfactant for electrolytic operation. However, if more detergency is required, an addition of 0.25 – 1.0% ABSOL SA may be made.

ANALYTICAL CONTROL

The concentration of ABSOL DPS in the working solution may be determined as follows:

Titrate a 25ml sample with N/1 acid (hydrochloric or sulphuric) using phenolphthalein as the indicator (colour change pink to colourless).

Each ml of N/1 acid required = 0.5% v/v DPS.
i.e. Titre x 0.5 = % v/v ABSOL DPS

HANDLING/SAFETY PRECAUTIONS

This product is highly alkaline.

When handling avoid contact with eyes, skin and clothing.

Wear protective clothing i.e. full face or eye protection, overalls, impervious apron, gloves and boots.

In case of contact with eyes, irrigate with copious quantities of water. Seek medical attention without delay.

In case of contact with skin, remove all contaminated clothing, and wash the affected area with plenty of water. Launder contaminated clothing before re-use.

For more information, consult the ABSOL DPS Material Safety Data Sheet.



DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
ABSOL DPS	ABSO/DPS/1360

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