



USC PLUS™

DESCRIPTION

USC PLUS is a water solvent based liquid solution developed to attack and remove vegetable and animal fats and oils from epoxy coatings and from most of the common ferrous alloy metals. Moreover, it can safely be applied on Tin, Zinc and/or Zinc Silicate, Aluminum and galvanized surface coatings and materials. A biodegradable material that is very safe in handling. It is specially formulated for ultrasonic cleaning applications.

ADVANTAGES & CHARACTERISTICS

- ◆ A non-toxic, non-flammable and non-corrosive liquid mixture.
 - ◆ Acts as an odor binder and eliminator while giving off a soft scent.
 - ◆ Effectively dissolves all fat, vegetable and animal oils, dry or not.
 - ◆ Can safely be used on Tin, Zinc, Aluminum and any galvanized or epoxy surface coatings.
 - ◆ Developed for ultrasonic cleaning applications.
 - ◆ Can be used as a general purpose cleaner to remove oil and grease deposits.
 - ◆ May be applied to any ferrous alloy metals.
 - ◆ Cost effective, easy to handle and apply.
- ▶ **USC PLUS** is not harmful to the marine environment as per MARPOL MEPC 63 Annex V Amendment [MEPC. 71/17/Add.1 Annex 21, Resolution MEPC 295 (71)].

PHYSICAL PROPERTIES

USC PLUS is a water based liquid solution, containing specific salts, detergents, wetting agents and corrosion inhibitors.

Appearance/Color	: White liquid
Specific gravity	: 1.00 - 1.02 gr/cm ³ at 20°C
Odor	: Soft
pH value	: 10.5 - 11.5

PACKAGING

Order Number	: 833066 (30 ltrs)
Container	: Plastic jerrican

APPLICATION AND USE

A. Dosing Procedure

Firstly, fill the ultrasonic unit with 30 litres of clean fresh water.

Then, mix 1 litre of **USC PLUS** at the ultrasonic unit. For heavier deposits a bigger quantity (2 - 3 litres) may be added.

B. Cleaning Procedure

USC PLUS is developed for use in cleaning of ultrasonic tanks.

Firstly, fill the ultrasonic unit with 30 litres of clean fresh water.

Before using the product, the ultrasonic bath must be degassed by following the procedure below:

Allow the bath to run for 2 minutes without any objects or cleaning agent involved until the evolution of gas bubbles ceases. That way the cleaning effect will be enhanced.

Then, mix 1 litre of **USC PLUS** at the ultrasonic unit. For heavier deposits a bigger quantity (2 - 3 litres) may be added.

The requested temperature for achieving best results is around 70°C.

Time required for best cleaning results depends on the degree and nature of the deposits. A time period of about 30 minutes will be sufficient for most applications.

For heavier contamination like aged or carbonized up to 4 hours may required.


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! SAFETY AND HANDLING

HANDLING	Handle with care. Store in a dry, cool and well ventilated environment.
SAFETY	IMMEDIATE ACTIONS
Eye Contact	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
Skin Contact	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
Inhalation	Do not breathe gas/vapors. In case of insufficient ventilation, wear suitable respiratory equipment. Otherwise, seek fresh air source at once and ask for medical attention immediately.
If Swallowed	Avoid ingestion. If swallowed, do not induce vomiting; seek medical advice immediately and show the label of the product.
GENERAL INSTRUCTIONS	Avoid spillage, splashing and mishandling. Wear suitable protective clothing, gloves and eye/face protection before using the product.

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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