

## LIME REMOVER

- Ideal for the removal of lime stone, lime deposits, salt & rust deposits.
- Very effective, acts quickly and thoroughly.
- Can be used on all metal surfaces and parts except those made of aluminium, tin and zinc, and those being galvanized.
- Water-soluble and non-flammable.
- Safe for use on rubber and plastic compounds.
- Used as concentrated or diluted as 1 part of A-132 to between 5 to 20 parts of water, depending on the severity of the build-up.
- Cost-effective, easy to apply and use.

### DESCRIPTION

A-132 is an effective acid-based liquid mixture, designed specifically for the removal of lime stones, lime deposits & rust. It is very effective, loosens and removes these deposits quickly, resulting in thorough cleaning.

### CHARACTERISTICS

#### PHYSICAL DATA

APPEARANCE : Clear Liquid  
pH : < 1  
BOILING POINT : 105°C  
FREEZING POINT : 3°C  
SPECIFIC GRAVITY: 1.15 – 1.20

### APPLICATION AND USAGE

#### (A) DOSAGE

**Concentrated** : Use without dilution in cases of heavy deposits build-up.

**Diluted** : A solution of 10-40% may be used in cases of light deposition on large surface areas.

#### (B) CLEANING PROCEDURE

**Concentrated** : In areas such as corner cavities, tank skeleton inlets etc, carefully pour A-132. Apply by using suitable hard brush, mop, sponge or any other manual devices to move with rapid and irregular action. Leave it to soak for approximately 5 to 20 minutes and wash



thoroughly with high-pressure water source. Repeat the above cleaning procedure in case of stubborn deposits.

**Diluted** : Apply the diluted solution in the affected surface area by spraying until it is being completely absorbed. Leave it to soak for approximately 5 to 20 minutes and wash thoroughly with high-pressure water source. Repeat the above cleaning procedure in case of stubborn deposits.

**Note** : Use only acid resistant equipment in the above cleaning procedures.

### **SAFETY AND HANDLING INFORMATION**

Protective Measures	Wear acid resistant gloves, safety goggles and footwear. Use in adequately ventilated areas. Avoid breathing in vapor. Wash hands with water after use.
Spillage & Disposal	Confine spill and stop leak at source if possible. Ventilate area and evacuate all non-essential personnel. Pump spillage into original containers (or equivalent containers) for disposal. Avoid contact with skin, eyes or clothing. Absorb remaining liquid with inert materials such as dry sand or sawdust. Neutralize with alkaline materials if necessary.
<b><u>FIRST AID</u></b> Eyes	Hold eyes open, rinse eyes with copious amount of water for at least 15 minutes. Seek medical advice.
Skin	Flush with large amount of water, use soap if available. Remove contaminated clothing, including shoes and launder before reuse. Seek medical attention if effects persist.
Inhalation	Evacuate victim to open air. Administer artificial respiration if breathing has stopped. Keep at rest. Seek prompt medical attention.
Ingestion	Rinse mouth, then drink 1 to 2 large glasses of water. Do not induce vomiting. Seek prompt medical attention. Never give anything via mouth to an unconscious person.
<b><u>HANDLING</u></b> Storage and Transportation	Product should be stored and transported in original containers. Keep container lid tightly closed. Store in a cool and dry area, away from direct sunlight and alkaline materials.
Packaging	Packed in 25 and 200 litres non-returnable containers.

To the best of our knowledge, the information contained herein is believed to be accurate and reliable. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. Apex Chemicals (S) Pte Ltd and its vendors make no other warranty or representations of any kind or implied, concerning the product including no implied warranty of merchantability. The product is offered solely for your consideration, investigation and verification. No license or immunity under any patents is granted or implied.

