

# WHEAT ACID

## LAUNDRY RUST REMOVER SOUR

WHEAT ACID is a 100% organic plant derived safest Liquid Laundry Sour and Rust Remover specially designed to neutralize the alkaline residues of detergents, water hardness minerals, and iron in the rinse cycle of laundry programs. It can be used in any type of automatic laundry chemical feeding system. It prevents fabric harshness, excess wear and browning during ironing. It will also eliminate iron stains for superior laundry results.

The product is derived from lignocellulosic waste , Cradle – Cradle , highly sustainable product used to replace the most hazardous chemicals used in laundry. Highly effective in removing rust and never afflict the texture or color or longevity of washed linens.

It's superior rust and stain removal characteristics reduce the need for special fabric treatments. It eliminates fabric discoloration and prevents yellowing of fabric.

Lime treated feed stocks are hydrolysed and fermented simultaneously to produce wheat acid by an enzyme preparation and Bacillus coagulants . The acid produced is strong in nature and very effective in removing rust and metallic stain.

### Benefits Application

1. High rust removing efficiency.
2. Improve chemical efficiency.
3. Avoids discolouration of laundered materials.
4. Avoids hard water stains.
5. Remove metal oxides and stains from fabric.
6. Protect the linen from rancidity.
7. Avoids rust and metal formation in wash water.
8. Increase linen life and longevity.



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### Benefits – Ecological

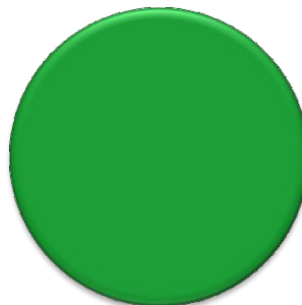
1. Natural replacement of Rust removing sour.
2. Absolute purity and food grade quality.
3. Eco friendly & organic
4. No offensive smell or unpleasant odour.
5. Low volatile in nature.
6. Enhanced hard water stability.
7. Effective in core alkali neutralization.
8. Safe to use in all stages of laundering processing except bleaching.
9. Does not affect the shade, hue and handle of textiles.
10. It improves effluent quality.
11. No exposure hazard.
12. Green screen certified.
13. Zero discharge hazardous chemical.
14. No phosphates or phosphonates.

### Benefits Commercial

1. Improves linen life
2. Avoids scale deposition on machine parts and reduce maintenance cost.
3. Saves re- wash and cost associated with that.

### Certificates

1. Green Screen
2. ZDHC
3. US EPA Safer Choice programme. Hazard Classifications for Chemicals Present in the WHEAT ACID. TOX Lab Washington, DC.
4. EPA SCIL Full Green Circle (100%)
5. EPA Safer Choice Acceptable



■ SCIL Full Green Circle (100%)

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### pH recommendation based on Fabric type

Fabric type	pH range
Starched goods	5.0 - 5.5
Flat work goods	6.0 - 7.0
Most other items	5.5 - 6.5

### Product Details

Description	Specification
Appearance	Colorless clear liquid
pH of 1 % solution	2.5 - 3.5
Character	Alkaline
Specific gravity	1.03 - 1.15
Temperature	40° - 70°C
Viscosity	13 - 15 sec

### Comments

- Not recommended for home style machines.  
pH Level      Consequences  
Below 5.0      : Skin irritation. Risk of acid damage to cotton fiber  
Below 6.0      : Rolling in flat work ironers. Damage to dyed goods. Accepted for other clothes  
Above 8.0      : Skin irritation. Alkaline damage to cotton goods  
Above 8.5      : Alkaline hydrolysis to polyester

### Technical Support

Our technical service team has developed the following technical tools to assist our customers for optimum product performance.

- Product application training
- Laundry training manual
- Brilliant wash formulas

# GREEN TAG

SAFE LAUNDERING



## packaging

25 Ltr Can

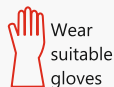
## Shelf Life

12 months from the date of manufacturing.

### Health and safety



Xi (Irritant)



Wear suitable gloves

- Do not ingest
- Do not pre-mix with other chemicals
- Keep out of reach of children

Cause severe Irritation and burns to eyes and skin. Harmful if swallowed. Wear suitable gloves and eye face protection. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Keep away from heat and live flames. Please see msds for complete health and safety information.

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**3545 Stonecutter Crescent,  
Mississauga, Ontario,  
L4M 7N7, Canada**

Atlantic Care Chemicals,  
Industrial Development Plot,  
Alappuzha, Kerala, India.

Atlantic Chemical Factory LLC,  
P. O. Box 2130, Ajman, UAE

care@atlanticchemicals.com  
www.atlanticchemicals.com

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