

# SPECIALTY ALKALINE RENOVATION AGENT

## RTi™

Renovation agent for manufacturing equipment tarnished by titanium oxide residues primarily for use in the personal care and cosmetics industry. This advanced additive is used for limiting and removing white oxide residues accumulated over time.



## Why RTi?

### PROMOTES QUALITY ASSURANCE

- Contains active ingredients to limit and remove white oxide residues accumulated over time.
- Formulation helps restore shine to stainless steel due to tarnishing from titanium oxide residues.
- Also suitable for industrial cleaning applications.

### SPECIALLY FORMULATED

- Finishing or renovation product used to remove TiO<sub>2</sub> residues accumulated over time and used after the washing.
- Renovation agent for manufacturing equipment tarnished by titanium oxide residue in the cosmetics industry.

### DOCUMENTATION PACKAGE

- Technical data sheet
- Safety data sheet
- Toxicological data sheet
- Certificate of Analysis

### SUBJECT TO INCOMING GOODS CONTROL

|            |                  |         |                       |
|------------|------------------|---------|-----------------------|
| Appearance | Opaque White     | Density | 1.0 kg/L - 8.4 LB/GAL |
| pH         | 1% Solution 10.0 |         |                       |

### PROPERTIES

#### Concentrate

|                   |                             |                  |                      |
|-------------------|-----------------------------|------------------|----------------------|
| Storage Stability | 14°F - 104°F / -10°C - 40°C | Frost Resistance | Freeze / Thaw Stable |
|-------------------|-----------------------------|------------------|----------------------|

#### Application Solution

|              |   |                |          |
|--------------|---|----------------|----------|
| pH           | pH 9.0 - 10.0 at the used dilution                  | Foam Behaviour | Low Foam |
| Conductivity | 0.47 mS/cm (1%, 77°F / 25°C in demineralized water) |                |          |

#### Material Compatibility

|          |  |
|----------|--|
| Metals   | Consult your Ecolab Representative for material compatibility specific to your applications. |
| Plastics |  |

**APPLICATION****Mode of Application**

For cleaning CIP, mixers, & wash tanks.

- ▲ Circulate a solution of RTi using equipment that allows for adequate flow rates and coverage of all soiled surfaces. RTi is intended to be used as a secondary step in the cleaning process. RTi is not to be used for the main washing. Concentrations, temperatures and time vary due to degree and type of soiling
- ▲ Concentrations: 1.0% to 10%
- ▲ Temperature: 122°F - 160°F (50°C - 70°C)
- ▲ Time: 10 - 30 minutes

Rinse surfaces thoroughly to remove residues.

Consult your Ecolab Representative for specific use instructions and recommended dispensing equipment.

For cautionary and first aid information, consult the Safety Data Sheet (SDS) or product label.

**ECOLOGICAL EVALUATION****Evaluation**

- ▲ After use application solutions can be discarded in communal water treatment systems
- ▲ Phosphate-free
- ▲ EDTA - / NTA - free
- ▲ Consider maximum permissible limits for pH-values

**P-content**

Formula ingredients contain no phosphorus.

The complete Ecological Evaluation is available on the Cleaning Validation website  
[www.ecolab-cleaning-validation.com](http://www.ecolab-cleaning-validation.com)

**SAFETY**

The relevant Hazard identifications of RTi are given in the Safety Data Sheet available at [safetydata.ecolab.com](http://safetydata.ecolab.com). If any questions arise in this context please contact your Ecolab representative.

A Toxicological Hazard Assessment is also available on the Cleaning Validation website  
[www.ecolab-cleaning-validation.com](http://www.ecolab-cleaning-validation.com)

**PRODUCT ORDERING INFORMATION**

| UNIT OF SALE | LANGUAGES  | ORDER CODE |
|--------------|------------|------------|
| 5 GAL        | EN, ES, FR | 6600283    |
| 55 GAL       | EN, ES, FR | 6600284    |
| 304 GAL      | EN, ES, FR | 6600285    |

**WORLDWIDE HEADQUARTERS**

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[www.ecolab.com/lifesciences](http://www.ecolab.com/lifesciences)  
[www.ecolab.com/pharmaceutical](http://www.ecolab.com/pharmaceutical)