

## DEGREASING AGENT RH-203

### 1、PRODUCT INTRODUCTION

Surfactant RH-203 is a mixture of nonionic and cationic surfactants. It is an optimized multifunctional surfactant suitable for acid and alkaline cleaning.

1. It is suitable for industrial heavy scale degreasing, locomotive cleaning and multifunctional hard surface cleaning.
2. It has good dispersing effect on soot, carbon black and other particulate dirt wrapped by oil.
3. It can replace solvent degreaser.
4. RH-203 can be used for high pressure jet cleaning, but the amount of rh-203 should not be too much. Suggestion: 0.5-2%.
5. RH-203 can also be used as acid cleaner.
6. Formula suggestion: as surfactant component as far as possible, it can be used together with other detergent aids.
7. It is not recommended to be compatible with anionic surfactants.

### 2、TECHNICAL INDEX

The appearance : light yellow transparent liquid

PH value: 6-8

Active substance:  $\geq 90\%$

Cloud point :  $\geq 100\text{ }^{\circ}\text{C}$

Flow point :  $\leq -2\text{ }^{\circ}\text{C}$

Solubility: water soluble, alcohol soluble, clear and transparent

### 3、MAIN PERFORMANCE

1. It is easy to use while maintaining the ability of oil removal and cleaning.
2. The preparation is simple and can be used with complexing agent or detergent.
3. Better cost performance.
4. Suitable for kitchen, bathroom, floor cleaning and locomotive shell, hospital, hotel daily facilities cleaning.

### 4、USAGE AND DOSAGE

1. Dissolve cleaning aids in water (recommended cleaning aids are as follows: sodium hydroxide, potassium hydroxide, soda ash, sodium bicarbonate, silicate, metasilicate, phosphate, EDTA, organic acid salt, etc.)

2. Adding RH-203 (this agent can get the best effect if it is used as surfactant alone). It is not recommended to add other surfactants, otherwise it will reduce the performance of the formulation system)
3. Mix well at room temperature,
4. The test is qualified.

(Note: this agent can obtain the best degreasing and degreasing effect under the conditions of weak alkalinity, alkalinity and strong alkalinity.)

### Formula example

Alkaline strong degreaser (such as locomotive, aircraft, engine and metalworking parts cleaning agent)

Name of raw material	Phosphorus containing cleaning agent	Phosphorus free detergent
RH-203	9%	9%
Na4EDTA	3%	--
TKPP(Potassium pyrophosphate)	3%	--
Sodium metasilicate pentahydrate	3%	--
Na3NTA	--	8%
Water	82%	83%
Use concentration	Dilute 10-100 times before use	Dilute 10-100 times before use

Household multifunctional hard surface cleaner (kitchen, bathroom, floor cleaner)

Name of raw material		
RH-203	9%	5%
Na4EDTA	9%	1%
TKPP(Potassium pyrophosphate)	4%	--
Triethanolamine	--	2%
Water	78%	92%
Use concentration	Dilute 10-100 times before use	Dilute 10-50 times before use

Acid detergent (sanitation cleaning, scale remover)

Name of raw material	
RH-203	4%
Acid corrosion inhibitor	2%

Hydrochloric acid or phosphoric acid	20%
Water	74%
Use concentration	Dilute 10-50 times before use

## 5、PACKING, STORAGE AND PRECAUTIONS

Package size 200 kg / barrel 60kg / barrel

Storage method

Sealed, keep in dry and ventilated place, avoid direct contact of light and heat.

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The above information and data are for reference only. Customers should do laboratory samples in advance to determine the specific process and dosage. The company only to product specifications, quality consistency to guarantee. Customers due to the addition of other additives, or due to process and fabric losses, the company is not responsible.