

## SARAYA CO., LTD. SAFETY DATA SHEET

**Product name:** Rinse Agent DR-2

**Date prepared :** Aug. 27, 2015

**Date revised :** Dec. 21, 2021

**Revision No :** 2

### 1. IDENTIFICATION OF HAZARDOUS CHEMICAL AND OF THE SUPPLIER

**Product name** Rinse Agent DR-2

**Manufacturer** Goodmaid Chemicals Corporation Sdn. Bhd.  
Lot 27B Lorong Bunga Tanjung 3/1,  
Senawang Industrial Park, 70400 Seremban,  
Negeri Sembilan.  
Telephone Number:  
06-6771337 / 6771327  
Emergency Telephone Number :  
Dial 999, Bomba 994  
(Please refer to the local emergency contact)

### 2. HAZARDS IDENTIFICATION

#### Physical Hazard

Flammable liquids	Category 3
Serious eye damage or eye irritation	Category 1

#### Label elements

**Hazard pictograms** :



**Signal word** : Danger

#### Hazard Statements

H226 Flammable liquid and vapour  
H318 Causes serious eye damage

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**SAFETY DATA SHEET****Product name:** Rinse Agent DR-2**Date prepared :** Aug. 27, 2015**Date revised :** Dec. 21, 2021**Revision No :** 2**Precautionary Statements**

- Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor/physician.
- Store in a well-ventilated place. Keep container tightly closed.
- Dispose of contents/container in accordance with local regulation.

**3. COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL**

<b><u>Chemical Name</u></b>	<b><u>CAS No</u></b>	<b><u>Composition</u></b>
Isopropanol	67-63-0	5 - 10%
Alkyl glucoside, Alcohol Ethoxylate	-	10 – 30%
Citric acid	5949-29-1	5 - 10%

**4. FIRST-AID MEASURES****Skin contact**

Wash off the product with water.

**Eye contact**

Immediately flush eyes with clean running water for at least 15 minutes.

**Ingestion**

Rinse mouth with water and drink plenty of water to dilute the concentration. If symptoms persist, seek medical attention.

**Inhalation**

Remove to fresh air. Obtain medical assistance if discomfort persist.



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## 5. FIRE FIGHTING MEASURES

### **Suitable extinguish media**

Dry chemical powder, Carbon dioxide spray

### **Specific hazards in case of fire**

Do not use a little amount of water. It may spread fire.

### **Instruction**

For fires in the initial stages, extinguish by spraying with copious amounts of water.

Otherwise, extinguish with above-mentioned media.

For large fire, extinguish by spraying with copious amounts of water or use foam to shutoff air.

### **Special protective equipment for firefighters**

: Fire proof and heat resistant protective equipment

: Mask.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precaution, protective equipment and emergency procedures**

: Wear protective equipment such as protective goggle and rubber gloves if needed.

### **Environmental precautions**

: For small spills, wash away the material with large amounts of water.

: For large spills, recover as much liquid as possible and collect it in an empty covered container.

: Wash away left materials with large amounts of water.

### **Prevention of second disaster**

: Spilled material is volatile and has permeating properties. Immediately remove possible ignition sources from the surrounding area



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## 7. HANDLING AND STORAGE

### Handling

- : Use in a well-ventilated room.
- : Keep away from fire.
- : Use only specified containers when transferring the product. Clearly indicate the product name, directions for use, warnings and precautions.
- : May be caused spatter of the product when opening the cap. When transferring the container, close the cap tightly. Looseness may cause spatter of the product. Skin contact and/or eye contact may be caused.

### Storage

Conditions for safe storage

- : Store it in a sealed container at a cool area away from direct sunlight.
- : Keep out of the reach of children.
- : Avoid falling or spillage

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Appropriate engineering control

Not known

### Management concentrations

A concentration value for managing the material has not been set.

### Control Parameter

A control parameter has not been set.

### Personal protection

Wear personal protective equipment as needed.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical state

Liquid

Color

Clear, Bluish Green

### Odor

Raw Material Odor

**pH** (1% solution), 26°C

≤ 3.5

**Flash point**

51.0°C

**Specific gravity (26°C)**

1.03 ± 0.015

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable at room temperature

### Possibility of hazardous reactions

Not known

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified

### Skin corrosion/irritation

Not classified

### Serious eye damage/eye irritation

Causes serious eye damage

Generic concentration limits of category 1 is more than 3%.

### Respiratory sensitization

Not classified

### Skin sensitization

Not classified

### Germ Cell Mutagenicity

Not classified

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### **Carcinogenicity**

Not classified

### **Reproductive toxicity**

Not classified

### **Specific target organ/systemic toxicity following single exposure**

Not classified

### **Specific target organs/systemic toxicity following repeated exposure**

Not classified

### **Aspiration hazard**

Not classified

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No Data Available

### **Persistence and degradability**

No Data Available

### **Bioaccumulative potential**

No Data Available

### **Mobility in soil**

No Data Available

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### 13. DISPOSAL INFORMATION

See section 7, Handling and storage

#### International regulations

Disposal should be done in accordance with local, state, and national laws.

##### Waste for residues

Burn it a little at a time in an incinerator or dispose with a large quantity of water.

Entrust disposal of product to an industrial waste disposal contractor.

##### Used container

Disposal should be done in accordance with local, state, and national laws.

### 14. TRANSPORT INFORMATION

See section 7, Handling and storage

#### UN regulations

##### UN classification

Flammable Liquid (Class 3, Packing group III)

##### UN number

UN 1993

Take necessary measures to prevent spillage, leakage, outflow and seepage.

### 15. REGULATORY INFORMATION

#### Safety, health and environmental regulations/legislation specific for the substance or mixture:

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

ICOP (INDUSTRY CODE OF PRACTICE) on Chemicals Classification and Hazard Communication 2014



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## 16. OTHER INFORMATION

**Date of preparation** : 27.08.2015

**Date of revision** : 21.12.2021

Reference material:

- ECHA European Chemicals Agency
- PubChem Open Chemistry Database

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief accurate as the date indicated.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

*Koichi Miyatake*

Name: Koichi Miyatake

Position: General Manager, Quality Assurance Department

SARAYA Co.,Ltd

Date: 25 May, 2022