



# Safety Data Sheet

SDS No.:  
SDS-P/L-Q/01

Q-Rian

Revision: 0, 1<sup>st</sup> Issue

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## Section 1: Identification of the Hazardous Chemical and of the Supplier

### 1.1 Product Identifier

Product Name: Q-Rian  
Trade Name: Q-Rian  
Active Ingredient: Organic sulphur compounds  
CAS No.(AI): 7704-34-9  
Structural Formula: -  
Recommended Usage: Plant growth and disease resistant regulator

### 1.2 Supplier's Information

Address: Agricultural Chemicals (M) Sdn. Bhd.  
962, Lorong Perusahaan 8  
Taman Perindustrian Perai  
13600 Perai , Pulau Pinang  
Malaysia  
Tel.: +6-04-3907988  
Fax: +6-04-3905703  
Web: [www.agrichem.com.my](http://www.agrichem.com.my)  
Emergency Phone: +6-04-3907988

## Section 2: Hazard Identification

Classification: Skin Corrosion, category 1  
Eye Damage, category 1

Pictogram:



Signal Word: Danger

Hazard Statement:  
H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage

Precautionary Statement:  
P260 Do not breathe gas/mist/vapours.  
P264 Wash exposed body parts thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P310 Immediately call a POISON CENTER or doctor/physician.



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Wash contaminated clothing before reuse.

## Section 3: Composition and Information of the Ingredients of the Hazardous Chemical

Component	CAS No.	Weight, %	Hazard Code
Organic sulphur compound	7704-34-9	>90	H314, H318
Phosphate compound	-	<5	H314, H318, H335
(1) 5-nitroguaiacol sodium salt (2) p-nitrophenol sodium salt (3) o-nitrophenol sodium salt	-	<1	H315, H319

## Section 4: First-aid Measures

Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact:	IF ON SKIN (or hair): Remove/Take off all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Symptoms:	Constant direct contact may cause reddening of tissue or rash sensitive to touch. Ingestion may cause indigestion.
Notes to Physician:	No data available.

## Section 5: Fire-fighting Measures

Suitable Extinguishing Media:	Carbon dioxide (CO <sub>2</sub> ), chemical foam, water fog.
Specific Hazard During Fire:	No data available.
Special Protective Equipment:	Fire fighters should wear full-faced self-contained breathing apparatus and protective clothing.

## Section 6: Accidental Release Measures

Personal Precautions:	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
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Environmental Precautions: Avoid release to the environment.  
Method for Cleaning Up: Wear protective clothing as indicated in Section 8. Evacuate non essential personnel. Neutralize with soda ash. Wash with copious supply of water. Collect the spill into waste container for disposal. Wash the contaminated area with a little water and detergent. Adsorb with inert material such as clay or earth. Collect into the same container for disposal. Prevent the spillage from entering local drainage system.

## Section 7: Handling and Storage

Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.  
Conditions for Safe Storage: Store in a well ventilated place. Keep container tightly closed.  
Incompatibles: Avoid material with pH of 8.0 or above. Mixture will effervesce.

## Section 8: Exposure Control and Personal Protection

Exposure Limit: Not determined to be hazardous  
Engineering Control: Local exhaust ventilation  
Individual Protection Measure: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required  
Personal Protective Equipment:  
Eye Protection: Protective goggles  
Skin Protection: Rubber gloves and boots  
Respiratory Protection: None required

## Section 9: Physical and Chemical Properties

Appearance: Colourless transparent liquid  
Odour: Odourless  
Odour Threshold: No data available  
pH: < 2  
Melting/Freezing Point: No data available  
Initial Boiling Point: No data available  
Boiling Range: No data available  
Flash Point: Not applicable  
Evaporation Rate: No data available  
Flammability: Not applicable



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Upper Flammability Limit:	Not applicable
Lower Flammability Limit:	Not applicable
Vapour Pressure:	No data available
Vapour Density:	No data available
Relative Density:	1.07 – 1.09 g/cm <sup>3</sup> (Density)
Solubility in Water:	Soluble in water
Partition Coefficient P <sub>o/w</sub> :	No data available
Auto-ignition Temperature:	Not inflammable
Decomposition Temperature:	No data available
Viscosity:	No data available

## Section 10: Stability and Reactivity

Reactivity:	No data available.
Chemical Stability:	Stable under normal condition.
Hazardous Reaction:	No data available.
Condition to Avoid:	Not to add water if not use.
Incompatible Material:	Material with pH 8.0 or above. Mixture will effervesce.
Hazardous Decomposition Product:	No data available.

## Section 11: Toxicological Information

<u>11.1 Acute Toxicity</u>	No data available.
<u>11.2 Chronic Effect from Short and Long Term Exposure</u>	
Skin Contact:	Causes severe skin burns
Eye Contact:	Causes serious eye damage
Inhalation:	No data available.
Ingestion:	Ingestion may cause indigestion.
Carcinogenicity:	No data available.
Mutagenicity:	No data available.
Teratogenicity:	No data available.
<u>11.3 Symptoms</u>	Constant direct contact may cause reddening of tissue or rash sensitive to touch. Ingestion may cause indigestion.

## Section 12: Ecological Information

Ecotoxicity:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
Other Adverse Effect:	No data available



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## Section 13: Disposal Information

Dispose of contents/container to Kualiti Alam / authorized body by DOE.

## Section 14: Transportation Information

<b>Land (ADR/RID)</b>	Not regulated
<b>Sea (IMDG)</b>	Not regulated
<b>Air (IATA)</b>	Not regulated

## Section 15: Regulatory Information

Classification: Skin Corrosion, category 1  
Eye Damage, category 1

Signal Word: Danger

Pictogram:



Pesticides Act:

Classification: -

## Section 16: Other Information

Date of Preparation: 30 September 2016

Date of Revision: -

Reference Document: ICOP on Chemicals Classification and Hazard Communication 2014  
GHS Purple Book  
MSDS

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.