

Material Safety Data Sheet
RUCORIT RS LIQ

Rev No. : 01

01-04-2013

1. Identification of the substance/preparation and of the company/undertaking**Product details**

- **Trade Name : RUCORIT RS LIQ (TUSUL ANTIOXIDANT RS LIQUID)**
- **Application of the substance / the preparation** Textile Auxiliary Chemical
- **Manufacturer/supplier :**
 - Rudolf Atul Chemicals Limited
 - Post : Atul, District : Valsad – 396 020
 - Gujarat, India
 - Telephone : (+912632) 230000
 - Email : racl@atul.co.in Website : www.atul.co.in

2. Composition/information on ingredients

- **Chemical characterization :**
- **Description :** Composition of Polymeric Sulphide
- **Additional information :** For the wording of the listed risk phrases refer to section 16.

3. Hazards identification

- **Hazard description :**
 - Causes Burns.
- **Information concerning particular hazards for human and environment :**

4. First-aid measures

- **General information :**
 - Immediately remove any clothing soiled by the product and dispose off safely.
 - In the event of symptoms refer for medical treatment.
- **After inhalation :** Remove the casualty into fresh air and keep him calm.
 - Refer for medical treatment.
- **After skin contact :** In case of contact with skin wash off immediately with soap and plenty of water.
- **After eye contact :** In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
- **After swallowing :**
 - Summon a doctor immediately.
 - Do not induce vomiting.

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5. Fire-fighting measures

- **Suitable extinguishing agents :**
CO₂, Dry powder, water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents :**
- **Special hazards caused by the substance, its products of combustion or resulting gases :**
- **Protective equipment :** Short term: filter apparatus, combination filter.
Do not inhale explosion and/or combustion gases.

6. Accidental release measures

- **Person-related safety precautions :**
Avoid contact with eyes and skin.
- **Measures for environmental protection :**
Do not discharge into the drains / surface water / groundwater.
- **Measures for cleaning/collecting :**
Take up with absorbent material, e.g. general purpose binder.
Dispose of absorbent material in accordance with the regulations.

7. Handling and storage

- **Handling :**
- **Information for safe handling :** No special measures necessary.
- **Information about fire - and explosion protection :** No special measures required.
- **Storage :**
- **Requirements to be met by storerooms and receptacles :** Use polyolefin receptacles.
- **Information about storage in one common storage facility :**
- **Further information about storage conditions :**
- **Recommended storage temperature :** Product should be stored between 20 - 40°C
- **Storage class :**
- **Storage stability :** Storage period up to 12 months at 65 % RH & 20°C in closed packed condition.

8. Exposure controls/personal protection

- **Additional information about design of technical facilities :**
- **Ingredients with limit values that require monitoring at the workplace :**
- **Additional information :**
- **Personal protective equipment :**
- **General protective and hygienic measures :**
Observe the usual precautions when handling chemicals

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· Respiratory protection :

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands :

Protective gloves

· Eye protection : Wear goggles / safety goggles

Safety Glasses

· Body protection : Protective work clothing**9. Physical and chemical properties****· General Information**

Form : Liquid
Colour : Yellow to Brown
Odour :

· Change in condition

Melting point/Melting range : NA
Boiling point/Boiling range : NA

· Flash point : NA

· Self-igniting : NA

· Danger of explosion : NA

· Vapour pressure at 20°C : NA

· Density at 20°C : NA

· Solubility in / Miscibility with water : Fully miscible

· pH-value at 20°C : 12.5 – 13.5

· Viscosity :

Dynamic at 20°C : NA

10. Stability and reactivity

· Thermal decomposition / conditions to be avoided : None.

· Materials to be avoided : Acids.

· Dangerous reactions : No hazardous reactions when stored and handled according to prescribed instructions.

· Dangerous decomposition products : None, if handled according to order.

11. Toxicological information

· Acute toxicity :

· LD/LC50 values relevant for classification :

Oral LD-50 : Not Known

Office Address : Technosoft Knowledge Gateway, Plot No. B-14, Road No. 1,

Wagle Industrial Estate, Thane (West) - 400 604, Maharashtra, India.

Telephone : (+9122) 39876000 Telefax : (+9122) 25834446 Email : racl@atul.co.in Website : www.atul.co.in

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LC-50 : Not Known

- **Primary irritant effect** : : Not Known
- **on the skin** :
- **on the eyes** :
- **Sensitization** :
- **Additional toxicological information** :
- **Sensitization** :

12. Ecological information

- **Information about elimination (persistence and degradability)** : Not dangerous to environment with respect to mobility, persistence and degradability
- **Method**
- **Analysing method**
- **Degree of elimination** :
- **Classification** :
- **Ecotoxicological effects** :
- **Aquatic toxicity** :
LC-0 Not Known
- **Behaviour in sewage processing plants** :
EC-50 Not Known
- **Additional ecological information** :
- **COD-value** : 440 mg/g
- **BOD-value** : 4 mg/g
- **AOX-indication** :
- **General notes** :
Do not allow product to reach the drainage

13. Disposal considerations

- **Recommendation** :
In accordance with the regulations for special waste, must be taken, after pretreatment, to an authorized special waste incineration plant.
- **Uncleaned packaging** : Contaminated packaging should be emptied as far as possible and may be reused after appropriate cleansing.
- **Recommendation** :
- **Recommended cleansing agents** : Water.

14. Transport information

- **Land transport ADR/RID (cross-border)** :
- **ADR/RID class** :
- **Packaging group** :

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- Hazard label :
- Description of goods :

- Maritime transport IMDG :
- UN Number :
- Label :
- Packaging group :
- EMS Number : F-A,S-F
- Proper shipping name :

- Air transport ICAO-TI and IATA-DGR :
- ICAO/IATA Class :
- UN/ID Number :
- Label :
- Packaging group : III
- Proper shipping name :

15. Regulatory information

- **Labeling :**
The product does not require hazard warning label in accordance with National / State regulations on Hazardous Materials.
- **Code letter and hazard designation of product :**
C Corrosive
- **Risk phrases :**
R22 : Harmful if swallowed
R36/38 : Irritating to eyes and skin
R 34 : Causes burns.
- **Safety phrases :**
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 : After contact with skin, wash immediately with plenty of water
S36/37/39 : Wear suitable gloves and eye/face protection

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.