

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **RHEOCELL 300**

Company: BASF (Malaysia) Sdn Bhd
Address: No 8, Jalan Keluli 2
Kawasan Perindustrian Bukit Raja
41050 Klang
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Malaysia

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2. HAZARDS IDENTIFICATION

Health hazards: Irritating to eyes and skin.
Environmental hazards: See section 12.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Aqueous solution of anionic surfactant.
Hazardous Ingredients: Laurylether sulfate
CAS No: 9004-82-4
Hazard symbols: Xi
R-phrases: R36/38,41
% Concentration: Conc 10-30%

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Contact doctor immediately. Rinse mouth and give glass of water.
Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.
Skin: Remove all contaminated clothing and shoes. Dry wipe the skin. Clean the skin area with waterless hand cleaner. Seek medical attention in event of irritation.
Inhalation: Remove to fresh air. Supply oxygen and / or artificial respiration as needed. Seek medical assistance as needed.

First aid facilities: Ensure availability of clean water for eye/skin wash.
Advice to doctor: Treat symptomatically. Material if aspirated into the lungs may cause chemical pneumonitis.

MATERIAL SAFETY DATA SHEET

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO₂, dry chemical powder.
Hazards from combustion products: Not known.
Precautions and equipment for fire fighters: Wear self-contained breathing apparatus in enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Methods for clean up / collecting: Caution slippery when spilt. Stop leak if possible without risk.
Dam up and pump into container and dispose at a waste disposal facility in accordance with local regulations.
Environmental precautions: Prevent discharge into drains, sewers and waterways, and from entering the soil.
Personal precautions: Wear appropriate personal protection and ensure adequate ventilation.

7. HANDLING AND STORAGE

Conditions for safe storage

Location: Store in a cool dry area. Keep containers closed.
Protection from weather: Store undercover and away from frost.
Storage incompatibilities: n.a.
Handling: Observe the usual precautions when handling chemicals.
Store away from oxidants.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: Not available
Engineering controls: Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment

This product is not classified as hazardous, so PPE is not normally essential. However, it is generally recommended that contact with any chemical be kept to a minimum. Following is a guide to suggested PPE that may be utilised for handling this product.

Respiratory protection: Use respiratory protection for spray application.
Glove type (AS2161): Wear long impervious gloves.
Eye protection: Wear safety glasses, which comply with local standards.
Clothing: Wear protective clothing for fire extinguishing purposes. Remove contaminated clothing as soon as possible. Launder thoroughly before reusing.

Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid.
Colour:	Slightly yellowish.
Freezing temperature (°C):	n.a.
Boiling point (°C):	>100
Melting point (°C):	n.a.
Vapour pressure:	n.d.
Vapour density:	n.d.
Specific gravity:	1.04± 0.02 @ 25 °C.
Flash point (°C):	n.a.
Flammability limits (%):	UEL – n.a. LEL – n.a.
Solubility in water:	n.a.
pH:	7 @ 25 °C.
Partition coefficient:	n.a.
Viscosity:	n.d.

10. STABILITY AND REACTIVITY

Hazard of use/storage:	Stable under normal storage and application temperature.
Hazardous reactions (conditions to avoid):	n.a.
Materials to avoid:	Avoid contact with strong acids.
Hazardous decomposition products:	n.a.

11. TOXICOLOGICAL INFORMATION

Acute

Ingestion:	n.d.
Eye:	Irritant (OECD method 405)
Skin:	Irritant (OECD method 404)
Inhalation:	n.d.

Chronic: There have been no reports in the literature of health effects in workers arising from long term exposure to this material and no comprehensive human studies have been conducted.

12. ECOLOGICAL INFORMATION

Ecology: Do not allow to be absorbed into soil. Prevent discharge into drains and waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

State/Territory authority: Dispose in accordance with all local and governmental regulations.

MATERIAL SAFETY DATA SHEET

Dispose – Secure landfill: Yes.
Dispose – High temp incinerator: No
Precautions for clean up crew: Nitrile rubber or PVC gauntlets.

14. TRANSPORT INFORMATION

UN number: n.as
Dangerous goods class: n.as.
Subsidiary risk: n.as.
EPG card: n.as.
Shipping name: n.as.
Packing group: n.as.
Poisons schedule: n.as.
Hazchem code: n.as.

15. REGULATORY INFORMATION

Classification: None.
Hazard labels: Irritant.
Risk phrase(s): R36/38: Irritating to eyes and skin.
Safety phrase(s): S28 – After contact with skin, wash immediately with plenty of soap and water.
S24/25: Avoid contact with skin and eyes.
S37/39: Wear suitable gloves and eye/face protection.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

Key:
n.a. = not applicable
n.as. = not assigned
n.d. = no data

Reason for Issue: New format based on National Code of Practice for the preparation of MSDS – 2nd edition [NOHSC:2011(2003)]. Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.