

MATERIAL SAFETY DATA SHEET

PRODUCT: RF MULTICLENE

1. PRODUCT IDENTIFICATION

Trade Name: RF MULTICLENE
Other Name: None

UN No: None allocated
Dangerous Goods Class: None allocated
Subsidiary Risk: No subsidiary risk
Hazchem Code: None allocated
Packaging Group: None allocated
Poisons Schedule: Not scheduled

Manufacturers Code: Various

Use

Water soluble cleanser solvent

2. HAZARD IDENTIFICATION

Hazardous according to criteria of SWA. Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases

R22, R36. Harmful if swallowed. Irritating to eyes.

Safety Phrases

S20, S23, S36, S24/25. When using, do not eat or drink. Do not breathe vapours or spray mists. Wear suitable protective clothing. Avoid contact with skin and eyes.

SUSDP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

Health Effects

Swallowed: Data suggests that the product should be considered to be harmful by ingestion.
Eye: Data suggest that this product should be classified as irritating to the eyes. May cause problems including corneal damage or transient blindness if contact is not treated promptly.
Skin: Data suggests that the product should be classified as possibly irritating to the skin.
Inhaled: Data suggest that the product should be considered to be non irritating and non toxic by inhalation.

RF MULTICLENE

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion %	TWA mg/m ³	STEL mg/m ³
Sodium dodecylbenzenesulfonate	25155-30-0	2.5	not set	not set
2-butoxyethanol	111-76-2	1-10	96.9	242
Other non hazardous ingredients	secret	1-10	not set	not set
Water	7732-18-5	to 100	not set	not set

This is a commercial product, and the exact ratio of components may vary slightly. Trace quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equaled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL.

4. FIRST AID MEASURES

- Swallowed: If swallowed, do not induce vomiting. Wash out mouth with water and seek immediate medical attention.
- Eye: If the product comes into contact with eyes, hold open and wash with running water for at least 15 minutes. Ensure irrigation under eyelids by occasionally lifting them. Obtain medical attention.
- Skin: If this product comes into contact with skin, wash skin with soap and water.
- Inhaled: First aid is not generally required. If in doubt, seek medical attention.

Advice to Doctor: Treat symptomatically. Note the nature of this product.

5. FIRE FIGHTING MEASURES

Fire/Explosive Hazard

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Only small amounts of decomposition products are expected from this product at temperatures normally achieved in a fire.

Fire decomposition products are likely to be irritating if inhaled.

Extinguishing Media

Not combustible. Use extinguishing media suited to burning materials.

Protective Equipment for Firefighters

Fire fighters should wear full protective clothing and self-contained breathing apparatus.

RF MULTICLENE

6. ACCIDENTAL RELEASE MEASURES

Protective Measures

Clean up personnel should wear protective clothing including eye/face protection. A self contained breathing apparatus should be used to avoid inhalation of the product. Usually no respirator is necessary when using this product.

Clean Up

Soak up spilled product with absorbent material and place in an appropriate waste disposal container. Waste must be disposed of in accordance with federal, state and local environmental control regulations

7. HANDLING AND STORAGE

Safe Handling: Use in designated areas with adequate ventilation. Keep containers closed when not in use. Wear appropriate protective equipment to prevent skin and eye contact.

Storage

Store in a cool, well ventilated area. Containers should be kept closed in order to minimise contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SWA Exposure Limits	TWA (mg/m³)	STEL (mg/m³)
2-Butoxyethanol	96.9	242

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation

This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection

Eye protection such as protective glasses or goggles should be worn. Failure to protect your eyes may cause them harm.

Skin Protection

You should avoid contact even with mild skin irritants. Therefore you should wear suitable impervious gloves and face protection when handling this product.

References: Eye protectors should confirm to AS/NZA 1336 and AS/NZS 1337. Chemical resistant gloves should conform to AS/NZS 2161. Respiratory protection should conform to AS/NZS 1715. Occupational footwear should conform to AS/NZS 2210. Industrial clothing should conform to AS2919.

RF MULTICLENE

9. PHYSICAL AND CHEMICAL PROPERTIES

Yellow Liquid

Odour: No odour
Boiling Point: Approximately 100 Deg C at 100kPa
Freezing/Melting Point: Below 0 Deg C
Volatiles: Water component
Vapour Pressure: 2.37 kPa at 20 Deg C (water vapour pressure)
Vapour Density: No data
Specific Gravity: >1.0
Solubility in Water: Completely soluble in water
pH: No data
Volatility: No data
Evaporation Rate: No data
Flashpoint: Does not burn
Auto Ignition Temp: Not applicable – does not burn

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions of use.

Conditions to Avoid

This product should be kept in a cool place. Keep containers closed.

Materials to Avoid

Acids

Fire Decomposition

Only small quantities of decomposition products are expected at temperatures normally achieved in a fire. Carbon dioxide and if combustion is incomplete, carbon monoxide and smoke. Oxides of sulfur and other sulfur compounds. Water, sodium compounds.

Polymerisation

This product will not undergo polymerisation reactions.

RF MULTICLENE

11. TOXICOLOGICAL INFORMATION

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

D-limonene is classified by SWA as a potential sensitizer by skin contact.

Classification of Hazardous Ingredients

No ingredient mentioned in the HSIS database is present in this product at hazardous concentrations.

12. ECOLOGICAL INFORMATION

Insufficient data to be sure of status.

13. DISPOSAL CONSIDERATIONS

This product may be suitable for disposal at an approved land waste site. Empty containers should be rinsed with water and then recycled or disposed of at an approved land waste site.

14. TRANSPORT INFORMATION

ADG Code: This product is not classified as Dangerous Goods. No special transport conditions are necessary unless required by other regulations.

15. REGULATORY INFORMATION

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

16. OTHER INFORMATION

CONTACT: TECHNICAL MANAGER (02) 9979 8311

EMERGENCIES: (Mobile 0411 834 321)

DATE OF ISSUE: 01/01/2012