

Material Safety Data Sheet

Material Name: OmniRing

*** Section 1 - Chemical Product and Company Identification ***

Manufacturer Information

F-MATIC Inc.
299 S Millpond Dr
Lehi, UT 84043

Phone: 801-768-2000
Fax: 888-878-8828

*** Section 2 - Hazards Identification ***

Emergency Overview

Can cause eye irritation.

Potential Health Effects: Eyes

May cause eye irritation

Potential Health Effects: Skin

None anticipated under normal product use conditions.

Potential Health Effects: Ingestion

Not a likely route of exposure under normal product use conditions. May cause gastrointestinal irritation and diarrhea if swallowed.

Potential Health Effects: Inhalation

None anticipated under normal product use conditions.

HMIS Ratings: Health: 1 Fire: 1 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component
68140-00-1	Coconut monoethanolamide
25155-30-0	Sodium dodecylbenzenesulfonate
7757-82-6	Sodium sulfate (solution)
2386-53-0	Sodium dodecyl sulfonate
9004-82-4	Sodium lauryl polyoxyethylene ether sulfate
7631-86-9	Silica, amorphous
6381-92-6	EDTA disodium salt

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

First Aid: Skin

For skin contact, wash immediately with soap and water.

First Aid: Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

First Aid: Inhalation

Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

None

Hazardous Combustion Products

Not Determined.

Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

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NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Contain the discharged material.

Clean-Up Procedures

Sweep up or gather material and place in appropriate container for disposal.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

Special Procedures

Follow all Local, State, Federal and Provincial regulations for disposal.

*** Section 7 - Handling and Storage ***

Handling Procedures

No special handling procedures necessary.

Storage Procedures

Keep this material in a cool, well-ventilated place.

*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

Silica, amorphous (7631-86-9)

NIOSH: 6 mg/m³ TWA

Engineering Controls

Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear chemical goggles.

Personal Protective Equipment: Skin

None necessary.

Personal Protective Equipment: Respiratory

Not normally needed.

Personal Protective Equipment: General

Eye wash fountain is recommended.

*** Section 9 - Physical & Chemical Properties ***

Appearance:	Colorless, waxy	Odor:	None
Physical State:	Solid	pH:	NA
Vapor Pressure:	ND	Vapor Density:	ND
Boiling Point:	ND	Melting Point:	ND
Solubility (H ₂ O):	ND	Specific Gravity:	ND
Evaporation Rate:	ND	VOC:	ND
Octanol/H ₂ O Coeff.:	ND	Flash Point:	None
Flash Point Method:	ND	Upper Flammability Limit (UFL):	None
Lower Flammability Limit (LFL):	None	Burning Rate:	None
Auto Ignition:	None		

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

None

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Incompatibility

Not Determined

Hazardous Decomposition

None

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

Coconut monoethanolamide (68140-00-1)

Oral LD50 Rat 3300 mg/kg

Sodium dodecylbenzenesulfonate (25155-30-0)

Oral LD50 Rat 438 mg/kg

Sodium sulfate (solution) (7757-82-6)

Oral LD50 Rat >10000 mg/kg

Sodium lauryl polyoxyethylene ether sulfate (9004-82-4)

Oral LD50 Rat 1600 mg/kg

Silica, amorphous (7631-86-9)

Oral LD50 Rat >5000 mg/kg; Inhalation LC50 Rat >2.2 mg/L 1 h; Dermal LD50 Rabbit >2000 mg/kg

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity

Silica, amorphous (7631-86-9)

IARC: Monograph 68 [1997]; Supplement 7 [1987] (Group 3 (not classifiable))

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Coconut monoethanolamide (68140-00-1)

Test & Species

96 Hr LC50 Brachydanio rerio	28.5 mg/L [semi-static]
96 Hr LC50 Brachydanio rerio	31 mg/L
24 Hr EC50 Daphnia magna	10 mg/L

Conditions

Sodium dodecylbenzenesulfonate (25155-30-0)

Test & Species

96 Hr LC50 Oncorhynchus mykiss	10.8 mg/L [static]
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Conditions

Sodium sulfate (solution) (7757-82-6)

Test & Species

96 Hr LC50 Pimephales promelas	13500 - 14500 mg/L
96 Hr LC50 Pimephales promelas	>6800 mg/L [static]

Conditions

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96 Hr LC50 Lepomis macrochirus	3040 - 4380 mg/L [static]
96 Hr LC50 Lepomis macrochirus	13500 mg/L
96 Hr EC50 Daphnia magna	630 mg/L
48 Hr EC50 Daphnia magna	2564 mg/L

Silica, amorphous (7631-86-9)

Test & Species

96 Hr LC50 Brachydanio rerio	5000 mg/L [static]	Conditions
72 Hr EC50 Pseudokirchneriella subcapitata	440 mg/L	
48 Hr EC50 Ceriodaphnia dubia	7600 mg/L	

*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Not Regulated

*** Section 15 - Regulatory Information ***

US Federal Regulations

Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Sodium dodecylbenzenesulfonate (25155-30-0)

CERCLA: 1000 lb final RQ; 454 kg final RQ

State Regulations

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Sodium dodecylbenzenesulfonate	25155-30-0	Yes	Yes	No	Yes	Yes	No
Sodium sulfate (solution)	7757-82-6	No	Yes	No	No	Yes	No
Silica, amorphous	7631-86-9	Yes	Yes	Yes	No	Yes	No

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Sodium dodecylbenzenesulfonate	25155-30-0	1 %
Silica, amorphous	7631-86-9	1 %

Additional Regulatory Information

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Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Coconut monoethanolamide	68140-00-1	Yes	DSL	EINECS
Sodium dodecylbenzenesulfonate	25155-30-0	Yes	DSL	EINECS
Sodium sulfate (solution)	7757-82-6	Yes	DSL	EINECS
Sodium dodecyl sulfonate	2386-53-0	Yes	NDSL	EINECS
Sodium lauryl polyoxyethylene ether sulfate	9004-82-4	Yes	DSL	No
EDTA disodium salt	6381-92-6	No	DSL	No
Silica, amorphous	7631-86-9	Yes	DSL	EINECS

* * * Section 16 - Other Information * * *

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.