

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Monarch Skin Revitalizing Hand Lotion  
**Other means of identification** Not available.  
**Recommended use** Skin Lotion  
**Recommended restrictions** None known.  
**Manufacturer/Importer/Supplier/Distributor information** **Manufacturer**  
**Company Name** Air Techniques 1295 Walt Whitman Road Melville, NY 11747, USA  
**Company Telephone** 516-433-7676  
**Emergency Telephone** 1-800-424-9300  
**Supplier** Refer to Distributor

## 2. Hazard(s) identification

**Physical hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
**Health hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
**Environmental hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
**OSHA defined hazards** This mixture does not meet the classification criteria according to OSHA HazCom 2012.  
**Label elements**  
**Hazard symbol** None.  
**Signal word** None.  
**Hazard statement** The mixture does not meet the criteria for classification.  
**Precautionary statement**  
**Prevention** None required according to OSHA Hazcom 2012.  
**Response** None required according to OSHA Hazcom 2012.  
**Storage** None required according to OSHA Hazcom 2012.  
**Disposal** None required according to OSHA Hazcom 2012.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Stearic Acid	Not Available	57-11-4	Proprietary
Triethanolamine	2,2',2"-Nitrilotriethanol Tris(2-hydroxyethyl)amine	102-71-6	Proprietary

## 4. First-aid measures

**Inhalation** If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.  
**Skin contact** If irritation develops, rinse hands with water. Get medical attention if symptoms persist.  
**Eye contact** If in eyes, rinse with water. Get medical attention if symptoms persist.  
**Ingestion** Seek medical advice.

**Most important symptoms/effects, acute and delayed**

Direct contact with eyes may cause temporary irritation.  
Treat symptomatically.

**Indication of immediate medical attention and special treatment needed**

## 5. Fire-fighting measures

**Suitable extinguishing media**

Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

Thermal decomposition or combustion may liberate toxic gases or fumes.

**Special protective equipment and precautions for firefighters**

None known.

**Fire fighting equipment/instructions**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**General fire hazards**

No unusual fire or explosion hazards noted.

**Hazardous combustion products**

Carbon oxides.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Wear appropriate personal protective equipment as required. For personal protection, see section 8 of the SDS. Clean up promptly.

**Methods and materials for containment and cleaning up**

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

**Precautions for safe handling**

None required when used as intended.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed when not in use.

## 8. Exposure controls/personal protection

**Occupational exposure limits**

**US. ACGIH Threshold Limit Values**

**Components**

**Type**

**Value**

Stearic Acid (CAS 57-11-4)

TWA

10 mg/m<sup>3</sup>

Triethanolamine (CAS 102-71-6)

TWA

5 mg/m<sup>3</sup>

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

None required when used as intended.

**Skin/Hand protection**

**Other**

None required when used as intended

When used in large volumes, contact health or safety professional or manufacturer for specific information.

Respiratory protection	None required when used as intended.
Thermal hazards	Not available.
General hygiene considerations	None required when used as intended.

## 9. Physical and chemical properties

Appearance	Lotion.
Physical state	Liquid.
Form	Lotion.
Color	Light pink.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Specific gravity	1

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	High temperatures.
Incompatible materials	Strong oxidizing agents. Acids.
Hazardous decomposition products	Carbon oxides.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	No harmful effects expected in amounts likely to be ingested by accident.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.

### Information on toxicological effects

Acute toxicity No adverse effects are expected.

Components	Species	Test Results
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#### Stearic Acid (CAS 57-11-4)

Acute		> 5000 mg/kg
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Dermal		14286 mg/kg
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LD50	Rabbit	
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Oral

LD50	Human	
	Rat	4600 mg/kg

#### Triethanolamine (CAS 102-71-6)

Acute

Dermal

LD50	Rabbit	> 19870 mg/kg
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Inhalation

LC50

Oral

LD50	Rat	No data in literature
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6110 mg/kg

Skin corrosion/irritation This product is not classified as a skin corrosive or irritant.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

Respiratory sensitization This product is not expected to cause respiratory sensitization.

Skin sensitizer This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Triethanolamine (CAS 102-71-6)

3 Not classifiable as to carcinogenicity to humans.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive effects.

Specific target organ toxicity - single exposure Not classified as a specific target organ toxicity -single exposure.

Specific target organ toxicity - repeated exposure Not classified as a specific target organ toxicity -repeated exposure.

Aspiration toxicity

Not expected to be an aspiration hazard.

## 12. Ecological information

Ecotoxicity Not expected to be harmful to aquatic organisms.

Components	Species	Test Results
Triethanolamine (CAS 102-71-6)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Green algae (Desmodesmus subspicatus) 512 mg/l, 72 hours
Crustacea	EC50	Water flea (Ceriodaphnia affinis) 609.88 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 11800 mg/l, 96 hours
<i>Chronic</i>		
Crustacea	NOEC	Water flea (Daphnia magna) 16 mg/l, 21 days
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulative potential</b>	Not available.	
<b>Partition coefficient n-octanol / water (log Kow)</b>		
Stearic Acid	8.23	
Triethanolamine	-1	
<b>Mobility in soil</b>	Not available.	
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

### 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of in accordance with local regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues.
<b>Contaminated packaging</b>	See disposal instructions.

### 14. Transport information

#### DOT

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to** Not available.

**Annex II of MARPOL 73/78 and the IBC Code**

### 15. Regulatory information

**US federal regulations** Some of the chemicals are considered a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories            Immediate Hazard - No  
                                  Delayed Hazard - No  
                                  Fire Hazard - No  
                                  Pressure Hazard - No  
                                  Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous    Yes  
chemical

SARA 313 (TRI reporting)  
Not regulated.

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act    Not regulated.  
(SDWA)

## US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)  
Not listed.

### US. Massachusetts RTK - Substance List

Triethanolamine (CAS 102-71-6)

### US. New Jersey Worker and Community Right-to-Know Act

Triethanolamine (CAS 102-71-6)

### US. Pennsylvania Worker and Community Right-to-Know Law

Triethanolamine (CAS 102-71-6)

### US. Rhode Island RTK

Not regulated.

### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)		No

No

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

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**Disclaimer**

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**Bibliography**

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