



## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 02.09.2018

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### Mount-O- Matic Concentrate

#### SECTION 1: Identification

##### Product identifier

**Product name:** Mount-O- Matic Concentrate

**Product code:** 721,721-5G, 721-55G

**Additional information:** Rev 4

##### Recommended use of the product and restriction on use

**Relevant identified uses:** Not determined or not applicable.

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

##### Manufacturer or supplier details

###### Manufacturer:

###### North America

Tech International

200 East Coshocton Street

Johnstown, OH 43031

1-740-967-9015

www.tech-international.com

##### Emergency telephone number:

###### United States

CHEMTREC

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1-703-527-3887

#### SECTION 2: Hazard(s) identification

**GHS classification:** Not a hazardous substance or mixture

##### Label elements

**Hazard pictograms:** None

**Signal word:** None

**Hazard statements:** None

**Precautionary statements:** None

**Hazards not otherwise classified:** None

#### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 111-42-2	Diethanolamine	<0.5

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CAS number: 102-71-6	Triethanolamine	<1
CAS number: 57-55-6	Propylene Glycol	<10
CAS number: 25322-68-3	Poly (ethylene oxide)	<5
CAS number: 7681-52-9	Sodium hypochlorite	<0.01

### Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

## SECTION 4: First aid measures

### Description of first aid measures

#### General notes:

Show this Safety Data Sheet to the doctor in attendance

#### After inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention

#### After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention

#### After eye contact:

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

#### After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

### Most important symptoms and effects, both acute and delayed

#### Acute symptoms and effects:

Not determined or not applicable.

#### Delayed symptoms and effects:

Not determined or not applicable.

### Immediate medical attention and special treatment

#### Specific treatment:

Not determined or not applicable.

#### Notes for the doctor:

Treat symptomatically

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### SECTION 5: Firefighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam

##### Unsuitable extinguishing media:

Do not use water jet

#### Specific hazards during fire-fighting:

Thermal decomposition may produce irritating/toxic fumes/gases

#### Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode

#### Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts.

Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers.

Avoid unnecessary run-off of extinguishing media which may cause pollution

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling

#### Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided

#### Methods and material for containment and cleaning up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13)

#### Reference to other sections:

For personal protective equipment see Section 8. For disposal see Section 13

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

#### Conditions for safe storage, including any incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

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### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
WEEL	Sodium hypochlorite	7681-52-9	STEL (15 min.): 2 mg/m <sup>3</sup>
	Propylene Glycol	57-55-6	WEEL TWA 10.0 mg/m <sup>3</sup>
	Poly (ethylene oxide)	25322-68-3	WEEL TWA 10.0 mg/m <sup>3</sup>
NIOSH	Diethanolamine	111-42-2	NIOSH TWA 3 ppm; 15.0 mg/m <sup>3</sup>
ACGIH	Diethanolamine	111-42-2	TLV TWA 1.0 mg/m <sup>3</sup> (8 h exposure limit)
	Diethanolamine	111-42-2	ACGIH TLV TWA: 2 mg/m <sup>3</sup>
	Triethanolamine	102-71-6	8-hour TWA: 5 mg/m <sup>3</sup>
United States (California)	Triethanolamine	102-71-6	8-hour TWA-PEL: 5 mg/m <sup>3</sup>
	Diethanolamine	111-42-2	8-hour TWA-PEL: 2 mg/m <sup>3</sup> (0.46 ppm)
United States (OSHA)	Diethanolamine	111-42-2	TWA: 15 mg/m <sup>3</sup> (3 ppm)

### Biological limit values:

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

### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

### Personal protection equipment

#### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

#### Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

For continuous contact we recommend nitrile gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified.

#### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Comply with the OSHA respirator regulations found in 29 CFR 1910.134.

### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

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### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Bright blue liquid
<b>Odor</b>	Slight surfactant
<b>Odor threshold</b>	Not determined or not available.
<b>pH</b>	8.9
<b>Melting point/freezing point</b>	0°C / 32°F
<b>Initial boiling point/range</b>	100°C / 212°F
<b>Flash point (closed cup)</b>	Not determined or not available.
<b>Evaporation rate</b>	Not determined or not available.
<b>Flammability (solid, gas)</b>	Not determined or not available.
<b>Upper flammability/explosive limit</b>	Not determined or not available.
<b>Lower flammability/explosive limit</b>	Not determined or not available.
<b>Vapor pressure</b>	Not determined or not available.
<b>Vapor density</b>	Not determined or not available.
<b>Density</b>	Not determined or not available.
<b>Relative density</b>	1.0 g/cm <sup>3</sup>
<b>Solubilities</b>	Soluble in water
<b>Partition coefficient (n-octanol/water)</b>	Not determined or not available.
<b>Auto/Self-ignition temperature</b>	Not determined or not available.
<b>Decomposition temperature</b>	Not determined or not available.
<b>Dynamic viscosity</b>	Not determined or not available.
<b>Kinematic viscosity</b>	Not determined or not available.
<b>Explosive properties</b>	Not determined or not available.
<b>Oxidizing properties</b>	Not determined or not available.

#### Other information

### SECTION 10: Stability and reactivity

#### Reactivity:

Does not react under normal conditions of use and storage.

#### Chemical stability:

Stable under normal conditions of use and storage.

#### Possibility of hazardous reactions:

None under normal conditions of use and storage.

#### Conditions to avoid:

None known.

#### Incompatible materials:

Strong acids, bases, and oxidizing agents.

#### Hazardous decomposition products:

None known.

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## Mount-O- Matic Concentrate

### SECTION 11: Toxicological information

#### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Route	Result
Diethanolamine	oral	LD50 - Rat - ~ 1,100 mg/kg LD50 Rat: 710 mg/kg
	dermal	LD50 Rabbit: 8100 - 12,200 mg/kg
Propylene Glycol	dermal	LD50 Rabbit: >2000 mg/kg
	oral	LD50 Rat: 21,000 - 33,700 mg/kg

#### Skin corrosion/irritation

**Assessment:** Based on available data, the classification criteria are not met.

#### Product data:

No data available.

#### Substance data:

Name	Result
Diethanolamine	Causes skin irritation
	Causes skin irritation.
Sodium hypochlorite	Causes severe skin burns.

#### Serious eye damage/irritation

**Assessment:** Based on available data, the classification criteria are not met.

#### Product data:

No data available.

#### Substance data:

Name	Result
Diethanolamine	Causes serious eye damage
	Causes serious eye damage.
Sodium hypochlorite	Causes serious eye damage.

#### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

#### Product data:

No data available.

**Substance data:** No data available.

#### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### International Agency for Research on Cancer (IARC):

Name	Classification
Ethanol, 2,2',2''-nitrilotris-	Group 3 - Not classifiable as to its carcinogenicity to humans

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Name	Classification
Sodium hypochlorite	Group 3 - Not classifiable as to its carcinogenicity to humans
Triethanolamine	Group 3 - Not classifiable as to its carcinogenicity to humans
Diethanolamine	Group 2B

**National Toxicology Program (NTP):** None of the ingredients are listed.

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:**

Name	Result
Diethanolamine	May cause damage to liver, blood and kidney through prolonged or repeated oral exposure.

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Information on likely routes of exposure:

No data available.

### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

### Other information:

No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

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Name	Result
Sodium hypochlorite	EC50 Pseudokirchneriella subcapitata: 0.018 mg/L (72 hr)
	LC50 Coho salmon: 0.032 mg/L (96 hr)
	EC50 Ceriodaphnia dubia: 0.035 mg/L (48 hr)
Propylene Glycol	EC50 Daphnia magna: 43,500 mg/L (48 hr)
	LC50 Oncorhynchus mykiss: 40,613 mg/L (96 hr)

### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

#### Substance data:

Name	Result
Sodium hypochlorite	NOEC - Menidia peninsulae: 0.04 mg/L (28 days)
	NOEC - Rangia cuneata: 0.007 mg/L (15 days)
Propylene Glycol	EC50 Selenastrum capricornutum: 18,100 mg/L (14 d)

### Persistence and degradability

**Product data:** No data available.

#### Substance data:

Name	Result
Triethanolamine	Readily biodegradable.
Diethanolamine	Readily biodegradable.

### Bioaccumulative potential

**Product data:** No data available.

#### Substance data:

Name	Result
Diethanolamine	Significant accumulation in organisms is not to be expected.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations

### Disposal methods:

Dispose in accordance with all applicable regulations. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None



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### International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

## SECTION 15: Regulatory information

### United States regulations

**Inventory listing (TSCA):** All ingredients are listed or exempt.

**Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.

**Export notification under TSCA Section 12(b):** None of the ingredients are listed.

**SARA Section 302 extremely hazardous substances:** None of the ingredients are listed.

#### SARA Section 313 toxic chemicals:

7681-52-9	Sodium hypochlorite	Not Listed
57-55-6	Propylene Glycol	Not Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
102-71-6	Triethanolamine	Not Listed
111-42-2	Diethanolamine	Listed

#### CERCLA:

7681-52-9	Sodium hypochlorite	Listed	100 lb
111-42-2	Diethanolamine	Listed	100 lb

**RCRA:** None of the ingredients are listed.

**Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.

#### Massachusetts Right to Know:

7681-52-9	Sodium hypochlorite	Listed
57-55-6	Propylene Glycol	Not Listed
25322-68-3	Poly (ethylene oxide)	Not Listed

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102-71-6	Triethanolamine	Listed
111-42-2	Diethanolamine	Listed

### New Jersey Right to Know:

7681-52-9	Sodium hypochlorite	Listed
57-55-6	Propylene Glycol	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
102-71-6	Triethanolamine	Listed
111-42-2	Diethanolamine	Listed

### New York Right to Know:

7681-52-9	Sodium hypochlorite	Listed
57-55-6	Propylene Glycol	Not Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
102-71-6	Triethanolamine	Not Listed
111-42-2	Diethanolamine	Listed

### Pennsylvania Right to Know:

7681-52-9	Sodium hypochlorite	Listed
57-55-6	Propylene Glycol	Listed
25322-68-3	Poly (ethylene oxide)	Not Listed
102-71-6	Triethanolamine	Listed
111-42-2	Diethanolamine	Listed

### California Proposition 65:

**⚠️WARNING:** This product can expose you to 2,2'-Iminodiethanol; which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 0-0-0

**HMIS:** 0-0-0

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**End of Safety Data Sheet**