

# SAFETY DATA SHEETS

**This SDS packet was issued with item:**

070828384

N/A

# Safety Data Sheet

## according to 29 CFR 1910.1200(g)

**Trade name :** Monarch Vinyl Upholstery Cleaner  
**Revision :** 17/11/2016  
**Print date :** 17/11/2016

**Version :** 1.0.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Monarch Vinyl Upholstery Cleaner

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

##### Relevant identified uses

Monarch Vinyl Upholstery Cleaner cleans and cares for all seat covers made from artificial leather and is highly effective in maintaining the value of dental treatment chairs and other artificial leather covers.

##### Product Categories [PC]

Washing and cleaning products (including solvent based products)

##### Uses advised against

None, if handled according to order.

##### Remark

The product is intended for professional use.

#### 1.3 Details of the supplier of the safety data sheet

##### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Air Techniques, Inc.

**Street :** 1295 Walt Whitman Road

**Place :** USA Melville, NY 11747

**Telephone :** 516-433-7683

**Information contact :** Toll Free in the US & Canada: 888-862-4050

#### 1.4 Emergency telephone number

for US and Canada: 1-800 424-9300 (CHEMTREC)

### SECTION 2: Hazards identification

#### 2.1 Classification of the chemical

##### Classification

None

#### 2.2 Label elements

None.

#### 2.3 Hazards not otherwise classified

None

### SECTION 3: Composition / information on ingredients

#### 3.2 Mixtures

##### Description

Monarch Vinyl Upholstery Cleaner contains special tensides, silicon compounds and care components derived from avocado oil.

##### Hazardous ingredients

ALCOHOL, C11-15-SECONDARY, ETHOXYLATED ; CAS No. : 68131-40-8

Weight fraction : 2 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General information

When in doubt or if symptoms are observed, get medical advice. Remove soiled or soaked clothing immediately.

# Safety Data Sheet

## according to 29 CFR 1910.1200(g)

**Trade name :** Monarch Vinyl Upholstery Cleaner  
**Revision :** 17/11/2016  
**Print date :** 17/11/2016

**Version :** 1.0.0

### Following inhalation

Ensure of fresh air. When in doubt or if symptoms are observed, get medical advice.

### In case of skin contact

Wash with plenty of water and soap. When in doubt or if symptoms are observed, get medical advice.

### After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

### After ingestion

Thoroughly clean mouth with water. When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps.

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

No information available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray. Water mist. The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media

Full water jet

### 5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released: carbon monoxide, carbon dioxide, silicon dioxide.

#### Hazardous combustion products

None known.

### 5.3 Advice for firefighters

Adapt protective equipment to surrounding fire.

#### Special protective equipment for firefighters

Adapt protective equipment to surrounding fire.

## SECTION 6: Accidental release measures

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

Use personal protection equipment. See protective measures under point 7 and 8.

#### For non-emergency personnel

Use personal protection equipment. See protective measures under point 7 and 8.

#### For emergency responders

##### Personal protection equipment

See protective measures under point 7 and 8.

### 6.2 Environmental precautions

Do not discharge into the subsoil/soil. do not allow to enter drain or waterways..

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

#### For cleaning up

Take up with absorbent material (eg sand kieselguhr, universal binder). Dispose of absorbed material in accordance with the regulations

### 6.4 Reference to other sections

None

# Safety Data Sheet

## according to 29 CFR 1910.1200(g)

**Trade name :** Monarch Vinyl Upholstery Cleaner  
**Revision :** 17/11/2016  
**Print date :** 17/11/2016

**Version :** 1.0.0

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Keep/Store only in original container. Please note safety instructions and directions for use on the drum.

#### Protective measures

##### Measures to prevent fire

Usual measures for fire prevention. When using do not smoke.

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

##### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed. Keep in a cool, well-ventilated place. Do not store in temperatures below 5 °C.

##### Hints on joint storage

Store the foodstuffs separately.

#### 7.3 Specific end use(s)

None

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

None.

#### 8.2 Exposure controls

##### Personal protection equipment

##### Eye/face protection

No special measures are necessary.

##### Skin protection

##### Hand protection

Gloves made of nitrile. Neoprene gloves

Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

##### Body protection

Body protection: not required.

##### Respiratory protection

No special measures are necessary.

##### General health and safety measures

Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and after work. Separate storage of work clothes. When using do not eat, drink, smoke, sniff.

##### Occupational exposure controls

##### Technical measures to prevent exposure

Provide adequate ventilation.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

**Appearance :** liquid

**Colour :** white

**Odour :** characteristic

##### Safety relevant basis data

**Melting point/melting range :** ( 1013 hPa )

No data available

# Safety Data Sheet

## according to 29 CFR 1910.1200(g)

**Trade name :** Monarch Vinyl Upholstery Cleaner  
**Revision :** 17/11/2016  
**Print date :** 17/11/2016

**Version :** 1.0.0

<b>Initial boiling point and boiling range :</b>	( 1013 hPa )	ca.	100	°C	
<b>Decomposition temperature :</b>	( 1013 hPa )		No data available		
<b>Flash point :</b>			not applicable		
<b>Ignition temperature :</b>			not applicable		
<b>Lower explosion limit :</b>			not applicable		
<b>Upper explosion limit :</b>			none		
<b>Vapour pressure :</b>	( 50 °C )	ca.	125	hPa	
<b>Density :</b>	( 20 °C )		0,98 - 1	g/cm <sup>3</sup>	
<b>Solvent separation test :</b>	( 20 °C )	<	3	%	
<b>Water solubility :</b>	( 20 °C )		100	Wt %	
<b>pH :</b>			2,5 - 7,5		
<b>log P O/W :</b>			No data available		
<b>Flow time :</b>	( 20 °C )	<	20	s	DIN-cup 4 mm
<b>Odour threshold :</b>			No data available		
<b>Maximum VOC content (EC) :</b>			0	Wt %	
<b>Oxidising liquids :</b>	Not applicable.				
<b>Explosive properties :</b>	Not applicable.				
<b>Corrosive to metals :</b>	Not corrosive to metals.				

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None, if handled according to order.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

None, if handled according to order.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

Parameter : ATEmix calculated  
Exposure route : Oral  
Effective dose : 41667 mg/kg

##### Practical experience/human evidence

No known toxic effects on humans.

##### Acute dermal toxicity

Parameter : ATEmix calculated  
Exposure route : Dermal  
Effective dose : not relevant

##### Acute inhalation toxicity

Parameter : ATEmix calculated  
Exposure route : Inhalative (vapour)

# Safety Data Sheet

## according to 29 CFR 1910.1200(g)

**Trade name :** Monarch Vinyl Upholstery Cleaner  
**Revision :** 17/11/2016  
**Print date :** 17/11/2016

**Version :** 1.0.0

Effective dose : not relevant

### **Irritant and corrosive effects**

Eye contact: Not an irritant. Method : OECD 437.

### **Sensitisation**

No data available.

### **Specific Target Organ Toxicity - single exposure/repeated exposure**

No data available.

### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

No information available.

## **11.5 Additional information**

The classification was carried out according to the calculation method of Regulation No. (EC) 1272/2008 [CLP].

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Aquatic toxicity**

There are no data available on the preparation itself.

### **12.2 Persistence and degradability**

#### **Abiotic degradation**

No data available.

#### **Biodegradation**

No data available.

### **12.3 Bioaccumulative potential**

No information available.

### **12.4 Mobility in soil**

#### **Known or predicted distribution to environmental compartments**

No data available

#### **Adsorption/Desorption**

### **12.5 Results of PBT and vPvB assessment**

No information available.

### **12.6 Other adverse effects**

No information available.

### **12.7 Additional ecotoxicological information**

No data available.

## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

#### **Product/Packaging disposal**

##### **Waste treatment options**

##### **Appropriate disposal / Product**

Where possible recycling is preferred to disposal.

In accordance with regulations for special waste, must be taken to a special waste disposal.

It is not possible to give this product a waste code number according to the European waste catalogue because only the intended use of the user consents the assignment of a specific code number.

The waste code number must be agreed with the disposer / manufacturer / competent authority.

##### **Appropriate disposal / Package**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

# Safety Data Sheet

## according to 29 CFR 1910.1200(g)

**Trade name :** Monarch Vinyl Upholstery Cleaner  
**Revision :** 17/11/2016  
**Print date :** 17/11/2016

**Version :** 1.0.0

### SECTION 14: Transport information

#### 14.1 UN number

No dangerous goods in sense of this transport regulation.

#### 14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

#### 14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

#### 14.4 Packing group

No dangerous goods in sense of this transport regulation.

#### 14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

#### 14.6 Special precautions for user

None

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Title III Section 311/312 Hazard Categories: No SARA Hazards

Other regulations: CTFA: complies

State Right to Know: SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

USA (TSCA): listed/registered or exempted

Remarks: This product contains one or more components that comply with the TSCA Polymer Exemption criteria per 40 CFR 723.250.

### SECTION 16: Other information

#### 16.1 Indication of changes

None.

#### 16.2 Abbreviations and acronyms

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimates

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CMR = Carcinogen, Mutagen or Reproductive toxicant

CO<sub>2</sub> = Carbon dioxide

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EC = European Commission

EC50 = Half maximal effective concentration

EN = European Standard (Norm)

EU = European Union

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

H statement = GHS Hazard statement

IATA = International Air Transport Association ICAO-TI = International Civil Aviation Organization-Technical Instructions

IMDG = International Maritime Dangerous Goods

LC50 = Median lethal concentration

# Safety Data Sheet

## according to 29 CFR 1910.1200(g)

**Trade name :** Monarch Vinyl Upholstery Cleaner  
**Revision :** 17/11/2016  
**Print date :** 17/11/2016

**Version :** 1.0.0

---

LD50 = Median lethal dose  
LogPow = Logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NOEC/NOEL = No observed effect concentration/level  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RMM = Risk Management Measure  
RRN = REACH Registration Number  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
SVHC = Substances of Very High Concern  
TLV/STEL = Threshold limit value/short-term exposure limit  
TLV/TWA = Threshold limit value/time weighted average  
UN = United Nations  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

H302 Harmful if swallowed.  
H318 Causes serious eye damage.

### 16.6 Training advice

None

### 16.7 Additional information

Notice the directions for use on the label.

---

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

---