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, ETHEROXLYLATED ; 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.
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

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
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
Color : 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)

<table>
<thead>
<tr>
<th>Trade name :</th>
<th>Monarch Vinyl Upholstery Cleaner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision :</td>
<td>17/11/2016</td>
</tr>
<tr>
<td>Print date :</td>
<td>17/11/2016</td>
</tr>
</tbody>
</table>

**Initial boiling point and boiling range :** (1013 hPa) ca. 100 °C

**Decomposition temperature :** (1013 hPa) No data available

**Flash point :** not applicable

**Ignition temperature :** not applicable

**Lower explosion limit :** not applicable

**Upper explosion limit :** none

**Vapour pressure :** (50 °C) ca. 125 hPa

**Density :** (20 °C) 0,98 - 1 g/cm³

**Solvent separation test :** (20 °C) < 3 %

**Water solubility :** (20 °C) 100 Wt %

**pH :** 2,5 - 7,5

**log P O/W :** No data available

**Flow time :** (20 °C) < 20 s DIN-cup 4 mm

**Oxidising liquids :** Not applicable.

**Explosive properties :** Not applicable.

**Corrosive to metals :** 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)
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.
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
CO₂ = 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
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.