Printing date 11/27/2017

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#### **1 Identification**

- · Product identifier
- Trade name: Arsenic Standard 16.0 PPM W/V
- Article number: IND218
- Details of the supplier of the safety data sheet • Manufacturer/Supplier: Aqua Solutions, Inc. 6913 Highway 225 DEER PARK, TX 77536

USA 800-256-2586

- Information department: Technical Coordinator
   Sherman Nelson sherman@aquasolutions.org
   Emergency telephone number:
- *Chemtrec: 800-424-9300 Canutec: 613-996-6666*

### **2** *Hazard*(*s*) *identification*

- *Classification of the substance or mixture The product is not classified according to the Globally Harmonized System (GHS).*
- · Label elements
- · GHS label elements Not Applicable
- · Hazard pictograms Not Applicable
- · Signal word Not Applicable
- Hazard statements Not Applicable
- · Precautionary statements
- If swallowed: Call a poison center/doctor if you feel unwell.
- If on skin: Wash with plenty of water.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- · Classification system:
- · NFPA ratings (scale 0 4)



· HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

- · Other hazards
- · Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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#### 3 Composition/information on ingredients

· Chemical characterization: Mixtures

• Description: Mixture of the substances listed below with nonhazardous additions.

#### · Dangerous components: Not Applicable

· Table of Nonhazardous Ingredients				
CAS: 7647-01-0	Hydrochloric Acid	0.0137%		
CAS: 1327-53-3	Arsenic Trioxide	0.00211%		
CAS: 1310-73-2	Sodium Hydroxide	0.00128%		
CAS: 7732-18-5	Water	99.983%		

#### **4** First-aid measures

- · Description of first aid measures
- · General information: No special measures required.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately rinse with water.
- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

# **5** Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

#### **6** Accidental release measures

- · Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions: Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.
- **Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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#### Trade name: Arsenic Standard 16.0 PPM W/V

· Protective Action Criteria for Chemicals	(Contd. of page 2)
• PAC-1:	
CAS: 7647-01-0 Hydrochloric Acid	1.8 ppm
CAS: 1327-53-3 Arsenic Trioxide	$0.27 mg/m^3$
CAS: 1310-73-2 Sodium Hydroxide	0.5 mg/m <sup>3</sup>
• PAC-2:	
CAS: 7647-01-0 Hydrochloric Acid	22 ppm
CAS: 1327-53-3 Arsenic Trioxide	3.0 mg/m <sup>3</sup>
CAS: 1310-73-2 Sodium Hydroxide	5 mg/m <sup>3</sup>
• PAC-3:	
CAS: 7647-01-0 Hydrochloric Acid	100 ppm
CAS: 1327-53-3 Arsenic Trioxide	9.1 mg/m <sup>3</sup>
CAS: 1310-73-2 Sodium Hydroxide	50 mg/m <sup>3</sup>

# 7 Handling and storage

· Handling:

- · Precautions for safe handling No special measures required.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: None.
- Specific end use(s) No further relevant information available.

### 8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures:
- The usual precautionary measures for handling chemicals should be followed.
- · Breathing equipment: Not required.
- · Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  $\cdot$  *Material of gloves* 

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

• *Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.* 

• Eye protection: Goggles recommended during refilling.

· Body protection: Protective work clothing

Information on basic physical and o	chemical properties	
General Information		
Appearance: Form:	Liquid	
Form: Color:	Liquid Colorless	
Odor:	Odorless	
Odor threshold:	Not determined.	
pH-value:	Not determined.	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	100 °C (212 °F)	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Ignition temperature:		
Decomposition temperature:	Not determined.	
Auto igniting:	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)	
Density at 20 °C (68 °F):	1 g/cm <sup>3</sup> (8.345 lbs/gal)	
Relative density	Not determined.	
Vapor density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with Water:	Fully miscible.	

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· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	

Water: VOC content:	100.0 % 0.00 % 0.0 g/l / 0.00 lb/gl
Solids content: • Other information	0.0 % No further relevant information available.

#### **10 Stability and reactivity**

· Reactivity No further relevant information available.

- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

#### **11 Toxicological information**

- · Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### · Carcinogenic categories

,	onal Agency for Research on Cancer)	
CAS: 1327-53-3	Arsenic Trioxide	1
,	Foxicology Program)	
CAS: 1327-53-3	Arsenic Trioxide	K
· OSHA-Ca (Occu	pational Safety & Health Administration)	
None of the ingre	edients is listed.	

# 12 Ecological information

· Toxicity

· Aquatic toxicity: No further relevant information available.

· Persistence and degradability No further relevant information available.

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- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- *Mobility in soil* No further relevant information available.
- · Additional ecological information:
- · General notes:
- Water hazard class 1 (Self-assessment): slightly hazardous for water
- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. • Results of PBT and vPvB assessment
- *Results of PB1 and VPVB asses* • *PBT:* **Not applicable.**
- **FBI**: Not applicable.
- **vPvB:** Not applicable.
- · Other adverse effects No further relevant information available.

#### **13 Disposal considerations**

- · Waste treatment methods
- · Recommendation: Smaller quantities can be disposed of with household waste.
- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

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14 Irans	nort in	formation
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· UN-Number · DOT, ADN, IMDG, IATA	Not regulated
· UN proper shipping name	
· DOT, ADN, IATA	Not regulated
·IMDG	Not Regulated
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	Not regulated
· Packing group	
· DOT, IMDG, IATA	Not regulated
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
• Transport in bulk according to Annex I	I of
MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	Not regulated

#### **15 Regulatory information**

 $\cdot$  Safety, health and environmental regulations/legislation specific for the substance or mixture

• Sara

• Section 355 (extremely hazardous substances):

CAS: 1327-53-3 Arsenic Trioxide

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<sup>-</sup> US

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<ul> <li>Section 313 (Specific toxic chemical listings):</li> <li>CAS: 1327-53-3   Arsenic Trioxide</li> <li>TSCA (Toxic Substances Control Act):</li> <li>Hydrochloric Acid</li> <li>Arsenic Trioxide</li> <li>Sodium Hydroxide</li> <li>Water</li> <li>Proposition 65</li> <li>Chemicals known to cause cancer:</li> <li>CAS: 1327-53-3   Arsenic Trioxide</li> <li>Chemicals known to cause reproductive toxicity for females:</li> <li>None of the ingredients is listed.</li> <li>Chemicals known to cause reproductive toxicity for males:</li> <li>None of the ingredients is listed.</li> <li>Chemicals known to cause reproductive toxicity for males:</li> <li>None of the ingredients is listed.</li> <li>Chemicals known to cause reproductive toxicity:</li> <li>CAS: 1327-53-3   Arsenic Trioxide</li> <li>Chemicals known to cause developmental toxicity:</li> <li>CAS: 1327-53-3   Arsenic Trioxide</li> <li>Carcinogenic categories</li> <li>EPA (Environmental Protection Agency)</li> <li>CAS: 1327-53-3   Arsenic Trioxide</li> <li>Arsenic Trioxide</li> <li>Arsenic Trioxide</li> <li>Arsenic Trioxide</li> <li>Al</li> <li>NOSH-Ca (National Institute for Occupational Safety and Health)</li> <li>None of the ingredients is listed.</li> <li>GHS label elements Not Applicable</li> <li>Hazard pictograms Not Applicable</li> <li>Hazard pictograments I for Applicable</li> <li>Hazard pictograments Not Applicable</li> <li>Hazard pictograments I for agency if you feel unwell.</li> <li>If on skin: Wash with plenty of water.</li> <li>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.</li> <li>Dispose of contents/container in accordance with local/regional/national/international regulations.</li> <li>Chemical statements.</li> <li>Chemical statements Actional Safety Assessment has not been carried out.</li> </ul>		(Contd. of page 6
TSCA (Toxic Substances Control Act):         Hydrochloric Acid         Arsenic Trioxide         Sodium Hydroxide         Water         Proposition 65         Chemicals known to cause cancer:         CAS: 1327-53-3         Arsenic Trioxide         Chemicals known to cause reproductive toxicity for females:         None of the ingredients is listed.         Chemicals known to cause reproductive toxicity for males:         None of the ingredients is listed.         Chemicals known to cause developmental toxicity:         CAS: 1327-53-3         Arsenic Trioxide         AI         NIOSH-Ca (National Institute for Occupational Safety and Health)         None of the ingredients is listed.         GHS table elements Not Applicable         Hazard pictograms Not Applicable         Hazard statements Not Applicable         Precautionary statements         If on skin: Wash with plenty of water.         If on skin: Wash with plenty of water.         If on skin: Was		
Hydrochloric Acid         Arsenic Trioxide         Sodium Hydroxide         Water         Proposition 65         Chemicals known to cause cancer:         CAS: 1327-53-3         Arsenic Trioxide         Chemicals known to cause reproductive toxicity for females:         None of the ingredients is listed.         Chemicals known to cause reproductive toxicity for males:         None of the ingredients is listed.         Chemicals known to cause developmental toxicity:         CAS: 1327-53-3         Arsenic Trioxide         Carcinogenic categories         EPA (Environmental Protection Agency)         CAS: 1327-53-3         Arsenic Trioxide         A         TLV (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3         Arsenic Trioxide         AI         None of the ingredients is listed.         GHS label elements Not Applicable         Hazard pictograms Not Applicable         Hazard pictograms Not Applicable         Hazard statements         If on skii: Wash with plenty of water.         If on skii: Wash with plenty of water.         If on sysi: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.	CAS: 1327-53-3	Arsenic Trioxide
Arsenic Trioxide         Sodium Hydroxide         Water         Proposition 65         • Chemicals known to cause cancer:         CAS: 1327-53-3         Arsenic Trioxide         • Chemicals known to cause reproductive toxicity for females:         None of the ingredients is listed.         • Chemicals known to cause reproductive toxicity for males:         None of the ingredients is listed.         • Chemicals known to cause reproductive toxicity for males:         None of the ingredients is listed.         • Chemicals known to cause developmental toxicity:         CAS: 1327-53-3         Arsenic Trioxide         • Carcinogenic categories         EPA (Environmental Protection Agency)         CAS: 1327-53-3       Arsenic Trioxide         • TLV (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3       Arsenic Trioxide         • NIOSH-Ca (National Institute for Occupational Safety and Health)         None of the ingredients is listed.         • GHS label elements Not Applicable         • Hazard pictograms Not Applicable         • Signal word Not Applicable         • Hazard statements         • Frecautionary statements         • May with plenty of water.         • ff on sysin: Wash with plenty of water.	,	
Sodium Hydroxide         Water         • Proposition 65         • Chemicals known to cause cancer:         CAS: 1327-53-3   Arsenic Trioxide         • Chemicals known to cause reproductive toxicity for females:         None of the ingredients is listed.         • Chemicals known to cause reproductive toxicity for males:         None of the ingredients is listed.         • Chemicals known to cause developmental toxicity:         CAS: 1327-53-3         Arsenic Trioxide         • Carcinogenic categories         • EPA (Environmental Protection Agency)         CAS: 1327-53-3   Arsenic Trioxide         • TLV (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3   Arsenic Trioxide         • NOSH-Ca (National Institute for Occupational Safety and Health)         None of the ingredients is listed.         • GHS label elements Not Applicable         • Hazard pictograms Not Applicable         • Hazard statements Not Applicable         • Precautionary statements         If on skin: Wash with plenty of water.         If on sys: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Contenus/container in accordance with local/regional/national/international regulations.	Hydrochloric Aci	d
Water         Proposition 65         Chemicals known to cause cancer:         CAS: 1327-53-3         Arsenic Trioxide         Chemicals known to cause reproductive toxicity for females:         None of the ingredients is listed.         Chemicals known to cause reproductive toxicity for males:         None of the ingredients is listed.         Chemicals known to cause developmental toxicity:         CAS: 1327-53-3         Arsenic Trioxide         Carcinogenic categories         EPA (Environmental Protection Agency)         CAS: 1327-53-3         Arsenic Trioxide         A         TLV (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3         Arsenic Trioxide         AI         NOne of the ingredients is listed.         OH is label elements Not Applicable         Hazard pictograms Not Applicable         Hazard statements Not Applicable         Hazard statements Not Applicable         Hazard statements Not Applicable         If swallowed: Call a poison center/doctor if you feel unwell.         If on skin: Wash with plenty of water.         If is exels: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.         Dispose of contents/contain	Arsenic Trioxide	
Proposition 65         • Chemicals known to cause cancer:         CAS: 1327-53-3         Arsenic Trioxide         • Chemicals known to cause reproductive toxicity for females:         None of the ingredients is listed.         • Chemicals known to cause reproductive toxicity for males:         None of the ingredients is listed.         • Chemicals known to cause developmental toxicity:         CAS: 1327-53-3         Arsenic Trioxide         • Carcinogenic categories         • EPA (Environmental Protection Agency)         CAS: 1327-53-3         CAS: 1327-53-3         Arsenic Trioxide         • AIX (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3         Arsenic Trioxide         • TLV (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3         Arsenic Trioxide         • AIX (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3         Arsenic Trioxide         • Hazard pictograms Not Applicable         Hazard pictograms Not Applicable         Hazard statements Not Applicable         • Hazard statements Not Applicable         • Precautionary statements         If swallowed: Call a poison centert/doctor if you feel unwell.         If on skin: Wash	Sodium Hydroxid	le
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CAS: 1327-53-3       Arsenic Trioxide         • Chemicals known to cause reproductive toxicity for females:       None of the ingredients is listed.         • Chemicals known to cause reproductive toxicity for males:       None of the ingredients is listed.         • Chemicals known to cause developmental toxicity:       CAS: 1327-53-3         • Chemicals known to cause developmental toxicity:       CAS: 1327-53-3         • Carcinogenic categories       •         • Carcinogenic categories       •         • CAS: 1327-53-3       Arsenic Trioxide         • TLV (Threshold Limit Value established by ACGIH)       •         CAS: 1327-53-3       Arsenic Trioxide         • NIOSH-Ca (National Institute for Occupational Safety and Health)       •         None of the ingredients is listed.       •         • GHS label elements Not Applicable       •         • Hazard pictograms Not Applicable       •         • Hazard statements Not Applicable       •         • If swallowed: Call a poison center/doctor if you feel unwell.       •         If on skin: Wash with plenty of water.       •         If in eyes: Rinse cautiously with water for several minutes. Remove contact l	· Proposition 65	
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• Chemicals known to cause developmental toxicity:         • CAS: 1327-53-3       Arsenic Trioxide         • Carcinogenic categories         • EPA (Environmental Protection Agency)         CAS: 1327-53-3       Arsenic Trioxide         • TLV (Threshold Limit Value established by ACGIH)       A         • CAS: 1327-53-3       Arsenic Trioxide         • NIOSH-Ca (National Institute for Occupational Safety and Health)       A1         • None of the ingredients is listed.       GHS label elements Not Applicable         • Hazard pictograms Not Applicable       Signal word Not Applicable         • Hazard statements Not Applicable       If swallowed: Call a poison center/doctor if you feel unwell.         If on skin: Wash with plenty of water.       If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.         Dispose of contents/container in accordance with local/regional/national/international regulations.	· Chemicals know	n to cause reproductive toxicity for males:
CAS: 1327-53-3       Arsenic Trioxide         • Carcinogenic categories         • EPA (Environmental Protection Agency)         CAS: 1327-53-3       Arsenic Trioxide         • TLV (Threshold Limit Value established by ACGIH)         CAS: 1327-53-3       Arsenic Trioxide         • CAS: 1327-53-3       Arsenic Trioxide         • NIOSH-Ca (National Institute for Occupational Safety and Health)         None of the ingredients is listed.         • GHS label elements Not Applicable         • Hazard pictograms Not Applicable         • Hazard statements Not Applicable         • If swallowed: Call a poison center/doctor if you feel unwell.         If on skin: Wash with plenty of water.         If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to docontinue rinsing.         Dispose of contents/container in accordance with local/regional/national/international regulations.	None of the ingre	dients is listed.
• Carcinogenic categories         • EPA (Environmental Protection Agency)         CAS: 1327-53-3       Arsenic Trioxide         • TLV (Threshold Limit Value established by ACGIH)       A         CAS: 1327-53-3       Arsenic Trioxide       A1         • NIOSH-Ca (National Institute for Occupational Safety and Health)       None of the ingredients is listed.       A1         • MOSH-Ca (National Institute for Occupational Safety and Health)       None of the ingredients is listed.       Figure Algorithm (Comparison)         • GHS label elements Not Applicable       Signal word Not Applicable       Figure Algorithm (Comparison)         • Hazard statements       Not Applicable       Figure Algorithm (Comparison)         • Hazard statements       If swallowed: Call a poison center/doctor if you feel unwell.       If on skin: Wash with plenty of water.         If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to docontinue rinsing.       Dispose of contents/container in accordance with local/regional/national/international regulations.	· Chemicals know	n to cause developmental toxicity:
• EPA (Environmental Protection Agency)         CAS: 1327-53-3       Arsenic Trioxide       A         • TLV (Threshold Limit Value established by ACGIH)       CAS: 1327-53-3       Arsenic Trioxide       A1         • NIOSH-Ca (National Institute for Occupational Safety and Health)       None of the ingredients is listed.       A1         • GHS label elements Not Applicable       .       .       .         • Hazard pictograms Not Applicable       .       .         • Hazard statements Not Applicable       .       .         • If swallowed: Call a poison center/doctor if you feel unwell.       .       .         If on skin: Wash with plenty of water.       .       .         If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.       .         Dispose of contents/container in accordance with local/regional/national/international regulations.       .	CAS: 1327-53-3	Arsenic Trioxide
CAS: 1327-53-3       Arsenic Trioxide       A         • TLV (Threshold Limit Value established by ACGIH)       CAS: 1327-53-3       Arsenic Trioxide       A1         • CAS: 1327-53-3       Arsenic Trioxide       A1         • NIOSH-Ca (National Institute for Occupational Safety and Health)       None of the ingredients is listed.       A1         • OHS label elements Not Applicable       Hazard pictograms Not Applicable       Applicable         • Hazard statements Not Applicable       Precautionary statements       If swallowed: Call a poison center/doctor if you feel unwell.         If on skin: Wash with plenty of water.       If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.         Dispose of contents/container in accordance with local/regional/national/international regulations.	· Carcinogenic cat	tegories
• TLV (Threshold Limit Value established by ACGIH)       A1         • CAS: 1327-53-3       Arsenic Trioxide       A1         • NIOSH-Ca (National Institute for Occupational Safety and Health)       None of the ingredients is listed.       A1         • OHS label elements Not Applicable       •       GHS label elements Not Applicable       A1         • Hazard pictograms Not Applicable       •       •       GHS label elements Not Applicable       A1         • Hazard statements Not Applicable       •	· EPA (Environme	ental Protection Agency)
CAS: 1327-53-3       Arsenic Trioxide       A1         • NIOSH-Ca (National Institute for Occupational Safety and Health)       None of the ingredients is listed.         • GHS label elements Not Applicable       •         • Hazard pictograms Not Applicable       •         • Hazard statements Not Applicable       •         • Hazard statements Not Applicable       •         • If swallowed: Call a poison center/doctor if you feel unwell.       If on skin: Wash with plenty of water.         If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.         Dispose of contents/container in accordance with local/regional/national/international regulations.	CAS: 1327-53-3	Arsenic Trioxide A
<ul> <li>NIOSH-Ca (National Institute for Occupational Safety and Health)</li> <li>None of the ingredients is listed.</li> <li>GHS label elements Not Applicable</li> <li>Hazard pictograms Not Applicable</li> <li>Signal word Not Applicable</li> <li>Hazard statements Not Applicable</li> <li>Hazard statements Not Applicable</li> <li>Precautionary statements</li> <li>If swallowed: Call a poison center/doctor if you feel unwell.</li> <li>If on skin: Wash with plenty of water.</li> <li>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.</li> <li>Dispose of contents/container in accordance with local/regional/national/international regulations.</li> </ul>	• TLV (Threshold	Limit Value established by ACGIH)
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<ul> <li>GHS label elements Not Applicable</li> <li>Hazard pictograms Not Applicable</li> <li>Signal word Not Applicable</li> <li>Hazard statements Not Applicable</li> <li>Hazard statements Not Applicable</li> <li>Precautionary statements</li> <li>If swallowed: Call a poison center/doctor if you feel unwell.</li> <li>If on skin: Wash with plenty of water.</li> <li>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.</li> <li>Dispose of contents/container in accordance with local/regional/national/international regulations.</li> </ul>		
<ul> <li>Hazard pictograms Not Applicable</li> <li>Signal word Not Applicable</li> <li>Hazard statements Not Applicable</li> <li>Hazard statements Not Applicable</li> <li>Precautionary statements If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing. Dispose of contents/container in accordance with local/regional/national/international regulations.</li></ul>	None of the ingre	dients is listed.
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Continue rinsing. Dispose of contents/container in accordance with local/regional/national/international regulations.	If on skin: Wash	with plenty of water.
Dispose of contents/container in accordance with local/regional/national/international regulations.	If in eyes: Rinse	cautiously with water for several minutes. Remove contact lenses, if present and easy to do
Dispose of contents/container in accordance with local/regional/national/international regulations.	Continue rinsing.	
	Dispose of conten	

# **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Environment protection department.
- · Contact:
- Date of preparation / last revision 11-27-2017: review SDS for accuracy. STN Revision 0.0, 07-13-2016: creation date for SDS. STN 11/27/2017 / -

(Contd. on page 8)

<sup>-</sup> US

Printing date 11/27/2017

#### Reviewed on 11/27/2017

#### Trade name: Arsenic Standard 16.0 PPM W/V

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· Abbreviations and acronyms:	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International	
Carriage of Dangerous Goods by Road)	
IMDG: International Maritime Code for Dangerous Goods	
DOT: US Department of Transportation	
IATA: International Air Transport Association	
ACGIH: American Conference of Governmental Industrial Hygienists	
EINECS: European Inventory of Existing Commercial Chemical Substances	
ELINCS: European List of Notified Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
NFPA: National Fire Protection Association (USA)	
HMIS: Hazardous Materials Identification System (USA)	
VOC: Volatile Organic Compounds (USA, EU)	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
NIOSH: National Institute for Occupational Safety	
OSHA: Occupational Safety & Health	
TLV: Threshold Limit Value	
PEL: Permissible Exposure Limit	
REL: Recommended Exposure Limit	
- US -	-