

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Revision Date 06/04/2018

Version 1.2

## SECTION 1. Identification

### Product identifier

Catalog No.	117917
Product name	Arsenic Test Method: colorimetric with test strips and reagents 0.02 - 0.05 - 0.1 - 0.2 - 0.5 mg/l As 0.1 - 0.5 - 1.0 - 1.7 - 3.0 mg/l As MQuant™
	As-1
CAS-No.	5329-14-6

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

Identified uses	Reagent for analysis
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### Details of the supplier of the safety data sheet

Company	EMD Millipore Corporation   400 Summit Drive   Burlington   Massachusetts 01803   United States of America   General Inquiries: +1 800-645-5476   Monday to Friday, 9:00 AM to 4:00 PM Eastern Time (GMT-5) MilliporeSigma is a business of Merck KGaA, Darmstadt, Germany.
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Emergency telephone	800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week
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## SECTION 2. Hazards identification

### GHS Classification

Skin irritation, Category 2, H315  
Eye irritation, Category 2A, H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

### GHS-Labeling

*Hazard pictograms*



*Signal Word*  
Warning

*Hazard Statements*  
H315 Causes skin irritation.

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H319 Causes serious eye irritation.

## *Precautionary Statements*

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see supplemental first aid instructions on this label).

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

## **Other hazards**

None known.

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## **SECTION 3. Composition/information on ingredients**

Formula	H <sub>2</sub> NSO <sub>3</sub> H	H <sub>3</sub> NO <sub>3</sub> S (Hill)
Molar mass	97.08 g/mol	

## **Hazardous ingredients**

*Chemical name (Concentration)*

CAS-No.

*Sulphamic acid (>= 90 % - <= 100 % )*

5329-14-6

Exact percentages are being withheld as a trade secret.

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## **SECTION 4. First aid measures**

### **Description of first-aid measures**

#### *Inhalation*

After inhalation: fresh air.

#### *Skin contact*

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

#### *Eye contact*

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

#### *Ingestion*

After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

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

Cough, Shortness of breath, Pain, shock, Nausea

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irritant effects

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

No information available.

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## SECTION 5. Fire-fighting measures

### Extinguishing media

#### *Suitable extinguishing media*

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### *Unsuitable extinguishing media*

For this substance/mixture no limitations of extinguishing agents are given.

### Special hazards arising from the substance or mixture

Not combustible.

Ambient fire may liberate hazardous vapors.

Fire may cause evolution of:

Sulfur oxides, nitrogen oxides, nitrous gases

### Advice for firefighters

#### *Special protective equipment for fire-fighters*

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

#### *Further information*

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

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## SECTION 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders:

Protective equipment see section 8.

### Environmental precautions

Do not let product enter drains.

### Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

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## SECTION 7. Handling and storage

### Precautions for safe handling

Observe label precautions.

### Conditions for safe storage, including any incompatibilities

Tightly closed.

Store at +15°C to +25°C (+59°F to +77°F).

The data applies to the entire pack.

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## SECTION 8. Exposure controls/personal protection

### Exposure limit(s)

Contains no substances with occupational exposure limit values.

### Engineering measures

### Individual protection measures

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

### *Hygiene measures*

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

### *Eye/face protection*

Safety glasses

### *Hand protection*

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

### *Other protective equipment:*

protective clothing

### *Respiratory protection*

required when dusts are generated.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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## SECTION 9. Physical and chemical properties

Physical state	solid
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Color	white
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Odor	odorless
Odor Threshold	Not applicable
pH	1.2 at 10 g/l
Melting point	401 °F (205 °C) (decomposition)
Boiling point	No information available.
Flash point	Not applicable
Evaporation rate	No information available.
Flammability (solid, gas)	The product is not flammable.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Vapor pressure	No information available.
Relative vapor density	3.35
Density	2.13 g/cm3 at 68 °F (20 °C)
Relative density	No information available.
Water solubility	213 g/l at 68 °F (20 °C)
Partition coefficient: n-octanol/water	log Pow: 0.10 (experimental) Bioaccumulation is not expected. (Lit.)
Autoignition temperature	No information available.
Decomposition temperature	408 °F (209 °C)
Viscosity, dynamic	No information available.
Explosive properties	Not classified as explosive.
Oxidizing properties	none

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Bulk density	ca.600 kg/m3
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### SECTION 10. Stability and reactivity

#### Reactivity

See below

#### Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

#### Possibility of hazardous reactions

Risk of explosion with:

Chlorine

Exothermic reaction with:

halogens, alkalines, Oxidizing agents, nitrates, nitrites, Nitric acid, Metals, Water, Strong bases

#### Conditions to avoid

Strong heating (decomposition).

#### Incompatible materials

Metals

#### Hazardous decomposition products

in the event of fire: See section 5.

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### SECTION 11. Toxicological information

#### Information on toxicological effects

##### *Likely route of exposure*

Eye contact, Skin contact, Ingestion

##### *Acute oral toxicity*

Symptoms: Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract., Nausea, Possible damages:, shock

##### *Acute inhalation toxicity*

Symptoms: Irritation symptoms in the respiratory tract., Cough, Shortness of breath

##### *Skin irritation*

Rabbit

Result: Irritations

OECD Test Guideline 404

Causes skin irritation.

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## *Eye irritation*

Rabbit

Result: Severe irritations

OECD Test Guideline 405

Causes serious eye irritation.

## *Genotoxicity in vivo*

Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis)

Mouse

Result: negative

Method: OECD Test Guideline 474

## *Genotoxicity in vitro*

Ames test

Salmonella typhimurium

Result: negative

Method: OECD Test Guideline 471

Mutagenicity (mammal cell test):

Result: negative

Method: OECD Test Guideline 476

Mutagenicity (mammal cell test): micronucleus.

Human lymphocytes

Result: negative

Method: OECD Test Guideline 405

## *Specific target organ systemic toxicity - single exposure*

The substance or mixture is not classified as specific target organ toxicant, single exposure.

## *Specific target organ systemic toxicity - repeated exposure*

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

## *Aspiration hazard*

Regarding the available data the classification criteria are not fulfilled.

## **Carcinogenicity**

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential

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carcinogen by ACGIH.

### Further information

Other dangerous properties can not be excluded.

Handle in accordance with good industrial hygiene and safety practice.

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## SECTION 12. Ecological information

### Ecotoxicity

#### *Toxicity to fish*

LC50 Pimephales promelas (fathead minnow): 70.3 mg/l; 96 h

OECD Test Guideline 203

#### *Toxicity to daphnia and other aquatic invertebrates*

semi-static test EC50 Daphnia magna (Water flea): 71.6 mg/l; 48 h

OECD Test Guideline 202

#### *Toxicity to bacteria*

EC10 Pseudomonas putida:  $\geq 1,000$  mg/l; 16 h (IUCLID)

EC50 activated sludge:  $> 200$  mg/l; 3 h

OECD Test Guideline 209

### Persistence and degradability

No information available.

### Bioaccumulative potential

#### *Partition coefficient: n-octanol/water*

log Pow: 0.10

(experimental)

Bioaccumulation is not expected. (Lit.)

### Mobility in soil

No information available.

#### *Additional ecological information*

Biological effects:

Harmful effect due to pH shift.

Discharge into the environment must be avoided.

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## SECTION 13. Disposal considerations

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## SECTION 14. Transport information

### Land transport (DOT)



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UN number	UN3316
Proper shipping name	CHEMICAL KIT
Class	9
Packing group	III
Environmentally hazardous	--

### Air transport (IATA)

UN number	UN 3316
Proper shipping name	CHEMICAL KIT
Class	9
Packing group	III
Environmentally hazardous	--
Special precautions for user	no

### Sea transport (IMDG)

UN number	UN 3316
Proper shipping name	CHEMICAL KIT
Class	9
Packing group	III
Environmentally hazardous	--
Special precautions for user	yes
EmS	F-A S-P

THIS TRANSPORT DATA APPLIES TO THE ENTIRE PACK!

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## SECTION 15. Regulatory information

### United States of America

#### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

### DEA List I

Not listed

### DEA List II

Not listed

## US State Regulations

### Massachusetts Right To Know

#### Remarks

No components are subject to the Massachusetts Right to Know Act.

### New Jersey Right To Know

#### *Ingredients*

Sulphamic acid

### California Prop 65 Components

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

## Notification status

TSCA: All components of the product are listed in the TSCA-inventory.

DSL: All components of this product are on the Canadian DSL

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## SECTION 16. Other information

### Training advice

Provide adequate information, instruction and training for operators.

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## Labeling

*Hazard pictograms*



*Signal Word*

Warning

## *Hazard Statements*

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

## *Precautionary Statements*

Prevention

P273 Avoid release to the environment.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/ attention.

## Full text of H-Statements referred to under sections 2 and 3.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

## Key or legend to abbreviations and acronyms used in the safety data sheet

Used abbreviations and acronyms can be looked up at [www.wikipedia.org](http://www.wikipedia.org).

Revision Date 06/04/2018

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The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information.

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### Product identifier

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

Identified uses	Reagent for analysis
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### Details of the supplier of the safety data sheet

Company	EMD Millipore Corporation   400 Summit Drive   Burlington   Massachusetts 01803   United States of America   General Inquiries: +1 800-645-5476   Monday to Friday, 9:00 AM to 4:00 PM Eastern Time (GMT-5) MilliporeSigma is a business of Merck KGaA, Darmstadt, Germany.
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Emergency telephone	800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week
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## SECTION 2. Hazards identification

### GHS-Labeling

Not a dangerous substance according to GHS.

### Other hazards

None known.

## SECTION 3. Composition/information on ingredients

Chemical nature	Mixture of inorganic compounds
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### Hazardous ingredients

*Chemical name (Concentration)*  
CAS-No.

*Sodium tungstate ( $\geq 1\%$  -  $< 5\%$ )*  
13472-45-2

Exact percentages are being withheld as a trade secret.

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### SECTION 4. First aid measures

#### Description of first-aid measures

##### *Inhalation*

After inhalation: fresh air.

##### *Skin contact*

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

##### *Eye contact*

After eye contact: rinse out with plenty of water.

##### *Ingestion*

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

We have no description of any toxic symptoms.

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

No information available.

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### SECTION 5. Fire-fighting measures

#### Extinguishing media

##### *Suitable extinguishing media*

Special powder against metal fire, Sand, Cement

##### *Unsuitable extinguishing media*

Water, Foam

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

Mixture with combustible ingredients.

Development of hazardous combustion gases or vapors possible in the event of fire.

Risk of dust explosion.

#### Advice for firefighters

##### *Special protective equipment for fire-fighters*

In the event of fire, wear self-contained breathing apparatus.

##### *Further information*

Prevent fire extinguishing water from contaminating surface water or the ground water system.

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### SECTION 6. Accidental release measures

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

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders: Protective equipment see section 8.

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## Environmental precautions

Do not let product enter drains.

## Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills.

Observe possible material restrictions (see sections 7 and 10).

Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

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## SECTION 7. Handling and storage

### Precautions for safe handling

Observe label precautions.

### Conditions for safe storage, including any incompatibilities

Tightly closed.

Store at +15°C to +25°C (+59°F to +77°F).

The data applies to the entire pack.

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## SECTION 8. Exposure controls/personal protection

### Exposure limit(s)

#### Ingredients

Basis	Value	Threshold limits	Remarks
<i>Sodium tungstate (13472-45-2)</i>			
ACGIH	Time Weighted Average (TWA):	1 mg/m³	Expressed as: as W
	Short Term Exposure Limit (STEL):	3 mg/m³	Expressed as: as W
NIOSH/GUIDE	Short Term Exposure Limit (STEL):	3 mg/m³	Expressed as: as W
	Recommended exposure limit (REL):	1 mg/m³	Expressed as: as W
Z1A	Time Weighted Average (TWA):	1 mg/m³	Expressed as: as W
	Short Term Exposure Limit (STEL):	3 mg/m³	Expressed as: as W

### Engineering measures

### Individual protection measures

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

### Hygiene measures

Change contaminated clothing. Wash hands after working with substance.

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## *Eye/face protection*

Safety glasses

## *Hand protection*

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

## *Other protective equipment:*

protective clothing

## *Respiratory protection*

required when dusts are generated.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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## SECTION 9. Physical and chemical properties

Physical state	solid
Color	gray
Odor	odorless
Odor Threshold	Not applicable
pH	No information available.
Melting point	No information available.
Boiling point	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Vapor pressure	No information available.
Relative vapor density	No information available.
Density	No information available.

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Relative density	No information available.
Water solubility	partly soluble, (reaction)
Partition coefficient: n-octanol/water	No information available.
Autoignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity, dynamic	No information available.
Explosive properties	Not classified as explosive.
Oxidizing properties	none
Bulk density	ca.800 - 1,000 kg/m3

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### SECTION 10. Stability and reactivity

#### Reactivity

Risk of dust explosion.

#### Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

#### Possibility of hazardous reactions

Exothermic reaction with:

alkali hydroxides, Fluorine, carbon disulfide, halogen-halogen compounds, acids, alkalines

Chlorine, with, Moisture.

Risk of explosion with:

ammonium compounds, azides, chlorates, metal catalysts, Nitric acid, hydroxylamine, hydrazine and derivatives, Halogenated hydrocarbon, Hydrogen, nitrates, Peroxides, cadmium, chromium(VI) oxide, peroxi compounds, Nitro compounds, performic acid, Oxidizing agents

iodine, with, Water

sulfur, with, Heat.

Risk of ignition or formation of inflammable gases or vapors with:

Arsenic oxides, Sodium hydroxide

Tellurium, with, Heat.

selenium, with, Heat.

#### Conditions to avoid

Exposure to moisture.



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## Incompatible materials

no information available

## Hazardous decomposition products

no information available

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## SECTION 11. Toxicological information

### Information on toxicological effects

#### *Likely route of exposure*

Eye contact, Skin contact, Ingestion

#### *Target Organs*

Skin

Eyes

Stomach

#### *Acute oral toxicity*

Acute toxicity estimate: > 2,000 mg/kg

Calculation method

#### *Specific target organ systemic toxicity - single exposure*

The substance or mixture is not classified as specific target organ toxicant, single exposure.

#### *Specific target organ systemic toxicity - repeated exposure*

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

#### *Aspiration hazard*

Regarding the available data the classification criteria are not fulfilled.

### Carcinogenicity

IARC	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
ACGIH	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

### Further information

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	117917	Version1.2
Product name	Arsenic Test Method: colorimetric with test strips and reagents 0.02 - 0.05 - 0.1 - 0.2 - 0.5 mg/l As 0.1 - 0.5 - 1.0 - 1.7 - 3.0 mg/l As MQuant™ As-2	

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Possible symptoms:

After absorption:

Fever, muscular symptoms, pain, cardiovascular disorders, Nausea, Vomiting

However, when the product is handled appropriately, hazardous effects are unlikely to occur.

Handle in accordance with good industrial hygiene and safety practice.

## Ingredients

### Sodium tungstate

#### *Acute oral toxicity*

Acute toxicity estimate: 500.1 mg/kg

Expert judgment

LD50 Rat: 1,373 mg/kg

OECD Test Guideline 401

#### *Acute inhalation toxicity*

LC50 Rat: > 5.01 mg/l; 4 h ; dust/mist

OECD Test Guideline 403

#### *Acute dermal toxicity*

LD50 Rat: > 2,000 mg/kg

OECD Test Guideline 402

#### *Skin irritation*

Rabbit

Result: No skin irritation

OECD Test Guideline 404

#### *Eye irritation*

Rabbit

Result: slight irritation

OECD Test Guideline 405

#### *Sensitization*

Maximization Test Guinea pig

Result: negative

Method: OECD Test Guideline 406

#### *Germ cell mutagenicity*

##### *Genotoxicity in vivo*

In vivo micronucleus test

Mouse

Result: negative

Method: OECD Test Guideline 474

##### *Genotoxicity in vitro*

Mutagenicity (mammal cell test): chromosome aberration.

Chinese hamster ovary cells

Result: negative

Method: OECD Test Guideline 473

In vitro mammalian cell gene mutation test

MOUSE LYMPHOMA TEST

Result: negative

Method: OECD Test Guideline 476

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	117917	Version1.2
Product name	Arsenic Test Method: colorimetric with test strips and reagents 0.02 - 0.05 - 0.1 - 0.2 - 0.5 mg/l As 0.1 - 0.5 - 1.0 - 1.7 - 3.0 mg/l As MQuant™ As-2	

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Ames test  
Escherichia coli/Salmonella typhimurium  
Result: negative  
Method: OECD Test Guideline 473

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## SECTION 12. Ecological information

### Ecotoxicity

No information available.

### Persistence and degradability

No information available.

### Bioaccumulative potential

No information available.

### Mobility in soil

No information available.

### *Additional ecological information*

Discharge into the environment must be avoided.

### Ingredients

Sodium tungstate

#### *Toxicity to algae*

static test ErC50 Pseudokirchneriella subcapitata (green algae): > 17.7 mg/l; 72 h  
OECD Test Guideline 201

#### *Toxicity to fish (Chronic toxicity)*

flow-through test NOEC Danio rerio (zebra fish): > 9.8 mg/l; 38 d

OECD Test Guideline 210

#### *Biodegradability*

The methods for determining the biological degradability are not applicable to inorganic substances.

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## SECTION 13. Disposal considerations

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## SECTION 14. Transport information

### Land transport (DOT)

UN number	UN3316
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# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	117917	Version1.2
Product name	Arsenic Test Method: colorimetric with test strips and reagents 0.02 - 0.05 - 0.1 - 0.2 - 0.5 mg/l As 0.1 - 0.5 - 1.0 - 1.7 - 3.0 mg/l As MQuant™ As-2	

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Proper shipping name	CHEMICAL KIT
Class	9
Packing group	III
Environmentally hazardous	--

## Air transport (IATA)

UN number	UN 3316
Proper shipping name	CHEMICAL KIT
Class	9
Packing group	III
Environmentally hazardous	--
Special precautions for user	no

## Sea transport (IMDG)

UN number	UN 3316
Proper shipping name	CHEMICAL KIT
Class	9
Packing group	III
Environmentally hazardous	--
Special precautions for user	yes
EmS	F-A S-P

THIS TRANSPORT DATA APPLIES TO THE ENTIRE PACK!

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## SECTION 15. Regulatory information

### United States of America

#### SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

## SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number	117917	Version1.2
Product name	Arsenic Test Method: colorimetric with test strips and reagents 0.02 - 0.05 - 0.1 - 0.2 - 0.5 mg/l As 0.1 - 0.5 - 1.0 - 1.7 - 3.0 mg/l As MQuant™ As-2	

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### SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

### DEA List I

Not listed

### DEA List II

Not listed

## US State Regulations

### Massachusetts Right To Know

#### *Ingredients*

zinc powder, zinc dust stabilized

### Pennsylvania Right To Know

#### *Ingredients*

zinc powder, zinc dust stabilized

### New Jersey Right To Know

#### *Ingredients*

zinc powder, zinc dust stabilized

### California Prop 65 Components

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

## Notification status

TSCA: All components of the product are listed in the TSCA-inventory.

DSL: All components of this product are on the Canadian DSL

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## SECTION 16. Other information

### Training advice

Provide adequate information, instruction and training for operators.

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

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Product name	Arsenic Test Method: colorimetric with test strips and reagents 0.02 - 0.05 - 0.1 - 0.2 - 0.5 mg/l As 0.1 - 0.5 - 1.0 - 1.7 - 3.0 mg/l As MQuant™ As-2	

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## Labeling

### *Hazard pictograms*



### *Signal Word*

Warning

### *Hazard Statements*

H410 Very toxic to aquatic life with long lasting effects.

### *Precautionary Statements*

Prevention

P273 Avoid release to the environment.

**Full text of H-Statements referred to under sections 2 and 3.**

## **Key or legend to abbreviations and acronyms used in the safety data sheet**

Used abbreviations and acronyms can be looked up at [www.wikipedia.org](http://www.wikipedia.org).

Revision Date06/04/2018

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The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information.

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