Printing date 06/05/2024

\*

Reviewed on 06/05/2024

Product identifier         Trade name:         Manual Solution         Article number:         ManufacturerSupplier:         Agua Solutions, Inc.         6913         6913         BER PARK, TX 77336         USA         800-256-2386         Information department:         Technical Coordinator         Sherman Nelson sherman@aquasolutions.org         Emergency telephone number:         Chanter:         Charactel(s) identification         Classification of the substance or mixture         Image Solutions         GHS02         Flammable Liquids 2         H225         H310         Flammable Liquids 2         H310         Funnerable Liquids 2         H310         Flammable Liquids 2         H310         Funnerable Liquids 2         H310	Identification	
Trade name:       Mercuric Acetate in Methanol Solution         Article number:       BAS740         Details of the supplier of the safety data sheet Manufacturer/Supplier:       Supplier of the safety data sheet Manufacturer/Supplier:         Aqua Solutions, Inc.       Gills Highway 225         DEER PARK, TX 77336       Supplier of the safety data sheet Manufacturer/Supplier:         Agua Solutions, Inc.       Gills Highway 225         DEER PARK, TX 77336       Supplier of the safety data sheet Manufacturer/Supplier:         Remergency telephone number:       Environment of the substance or mixture         Sherman Nelson shermann@aquasolutions.org       Environment         Charact(s) identification       Environment         Classification of the substance or mixture       Supplier:         Solutions of the substance or mixture       Supplier:         Flammable Liquids 2       H225 Highly flammable liquid and vapor.         Solution of the substance or mixture       Supplier:         Solution of the substance or mixture       Supplier:         Solution of the substance or mixture       Supplier:         Solution of the substance or mixture       H300 Fatal if swallowed.         Acute Toxicity - Oral 2       H300 Fatal if swallowed.         Acute Toxicity - Inhalation 2       H310 Fatal if inhaled.         Specific Target Organ T		
Article number: BAS740         Details of the supplier of the safety data sheet         Manufacturer/Supplier:         Aqua Solutions, Inc.         6913 Highway 225         DERR PARK, TX 77536         USA         800-256-2586         Information department:         Technical Coordinator         Sherman Nelson shermann@aquasolutions.org         Emergency telephone number:         Chamma Nelson shermann@aquasolutions.org         Emergency telephone number:         Chamtrec: 800-424-9300         Canutec: 613-996-6666         Hazard(s) identification         Classification of the substance or mixture         Image: GHS06 Skull and crossbones         Acute Toxicity - Oral 2       H300 Fatal if swallowed.         Acute Toxicity - Oral 2       H300 Fatal if inhaled.         Image: GHS08 Health hazard         Specific Target Organ Toxicity - Single Exposure 1       H370 Causes damage to the central nervous system an the visual organs.         Specific Target Organ Toxicity - Single Exposure 2       H373 May cause damage to organs through prolonged or repeated exposure.         Isbel elements       Elements         GHS08 Health hazard       Specific Target Organ Toxicity - Single Exposure 1         Specific Target Organ Toxicity - Single Exposure 2       H373 May c	Trade name: Mercuric Acetate	
Manufacturer/Supplier: Aqua Solutions, Inc. 6013 Highway 225 DEER PARK, TX 77536 USA 800-256-2586 Information department: Technical Coordinator Sherman Nelson shermann@aquasolutions.org Emergency telephone number: Chemtre: 800-240-3000 Canutec: 613-996-6666 Internet: 800-240-3000 Canutec: 613-996-6666 Canutec: 613-996-6666 Internet: 800-240-3000 Canutec: 613-996-6666 Internet: 800-240-34000 Canutec: 613-996-6666 Internet: 800-240-34000 Canutec: 613-996-6666 Internet: 800-240-34000 Canutec: 613-996-6666 Internet: 800-240-34000 Canutec: 613-996-6666 Internet: 800-2000 Canutec: 613-996-6666 Internet: 800-2000 Canutec: 613-996-6666 Canutec: 6		
Technical Coordinator Sherman Nelson shermann@aquasolutions.org Emergency: telephone number: Chemtree: 800-424-9300 Canuec: 613-996-6666	Manufacturer/Supplier: Aqua Solutions, Inc. 6913 Highway 225 DEER PARK, TX 77536 USA	AQUA SOLUTIONS
Classification of the substance or mixture	Technical Coordinator Sherman Nelson shermann@aquasolutions.org <b>Emergency telephone number:</b> Chemtrec: 800-424-9300	
Flammable Liquids 2       H225 Highly flammable liquid and vapor.         Flammable Liquids 2       H225 Highly flammable liquid and vapor.         Flammable Liquids 2       H300 Fatal if swallowed.         Acute Toxicity - Oral 2       H300 Fatal if swallowed.         Acute Toxicity - Dermal 2       H310 Fatal in contact with skin.         Acute Toxicity - Inhalation 2       H330 Fatal if inhaled.         For for a get Organ Toxicity - Single Exposure 1       H370 Causes damage to the central nervous system an the visual organs.         Specific Target Organ Toxicity - Repeated Exposure 2       H373 May cause damage to organs through prolonged or repeated exposure.         Label elements       The product is classified and labeled according to the Globally Harmonized System (GHS).         H300 Fatal if to the Globally Harmonized System (GHS).       H300 Fatal if to the Globally Harmonized System (GHS).         H300 Fatal if in the visual organs.       H300 Fatal if to the Globally Harmonized System (GHS).         H300 Fatal if in the visual organs.       H300 Fatal if to the Globally Harmonized System (GHS).         H300 Fatal if in the visual organs.       H300 Fatal if to the Globally Harmonized System (GHS).         H300 Fatal if in the visual organs.       H300 Fatal if in the visual organs.         H300 Fatal if in the visual organs.       H300 Fatal if in the visual organs.         H300 Fatal if in the visual organs.       H300 Fatal if in the visual	Hazard(s) identification	
Acute Toxicity - Oral 2H300 Fatal if swallowed.Acute Toxicity - Dermal 2H310 Fatal in contact with skin.Acute Toxicity - Inhalation 2H330 Fatal if inhaled.Image: GHS08 Health hazardImage: GHS08 Health hazardSpecific Target Organ Toxicity - Single Exposure 1H370 Causes damage to the central nervous system an the visual organs.Specific Target Organ Toxicity - Repeated Exposure 2H373 May cause damage to organs through prolonged or repeated exposure.Label elements GHS1 label elements The product is classified and labeled according to the Globally Harmonized System (GHS).Image: GHS02Image: GHS06GHS03GHS06GHS04GHS08		H225 Highly flammable liquid and vapor.
Acute Toxicity - Dermal 2       H310 Fatal in contact with skin.         Acute Toxicity - Inhalation 2       H330 Fatal if inhaled.         Image: Control Contrelation         Control Control Conteco	GHS06 Skull and crossbones	
Acute Toxicity - Inhalation 2       H330 Fatal if inhaled.         Image: Constraint of the start of the central has and the start of the start of the central has an and the start of the start of the central has an and the start of the start of the central has an and the start of the s	Acute Toxicity - Oral 2	H300 Fatal if swallowed.
GHS08 Health hazard         Specific Target Organ Toxicity - Single Exposure 1       H370 Causes damage to the central nervous system an the visual organs.         Specific Target Organ Toxicity - Repeated Exposure 2       H373 May cause damage to organs through prolonged or repeated exposure.         Label elements       GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).         Hazard pictograms       Image: GHS02         GHS02       GHS06	Acute Toxicity - Dermal 2	
<ul> <li>Specific Target Organ Toxicity - Single Exposure 1 H370 Causes damage to the central nervous system an the visual organs.</li> <li>Specific Target Organ Toxicity - Repeated Exposure 2 H373 May cause damage to organs through prolonged or repeated exposure.</li> <li>Label elements</li> <li>GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).</li> <li>Hazard pictograms</li> <li></li></ul>	Acute Toxicity - Inhalation 2	H330 Fatal if inhaled.
the visual organs. Specific Target Organ Toxicity - Repeated Exposure 2 H373 May cause damage to organs through prolonged or repeated exposure. Label elements GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). Hazard pictograms GHS02 GHS06 GHS08	GHS08 Health hazard	
Specific Target Organ Toxicity - Repeated Exposure 2 H373 May cause damage to organs through prolonged or repeated exposure. Label elements GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). Hazard pictograms GHS02 GHS06 GHS08	Specific Target Organ Toxicity - Single Exposure 1	H370 Causes damage to the central nervous system an the visual organs.
GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). Hazard pictograms GHS02 GHS06 GHS08	Specific Target Organ Toxicity - Repeated Exposure 2	H373 May cause damage to organs through prolonged o
	GHS label elements The product is classified and labe	eled according to the Globally Harmonized System (GHS).
Signal word Danger	GHS02 GHS06 GHS08	
	Signal word Danger	

Printing date 06/05/2024

Reviewed on 06/05/2024

#### Trade name: Mercuric Acetate in Methanol Solution

	(Contd. of page 1)
Hazard-determining components of labeling:	
<i>Methanol</i>	
Mercuric Acetate	
Hazard statements	
Highly flammable liquid and vapor.	
Fatal if swallowed, in contact with skin or if inhaled.	
Causes damage to the central nervous system and the visual organs.	
May cause damage to organs through prolonged or repeated exposure.	
Precautionary statements	
Keep away from heat/sparks/open flames/hot surfaces No smoking.	
Ground/bond container and receiving equipment.	
Use explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Fake precautionary measures against static discharge.	
Do not breathe dust/fume/gas/mist/vapors/spray.	
Do not get in eyes, on skin, or on clothing.	
Vash thoroughly after handling.	
Do not eat, drink or smoke when using this product.	
Use only outdoors or in a well-ventilated area.	
<i>Vear protective gloves/protective clothing/eye protection/face protection.</i>	
In case of inadequate ventilation] wear respiratory protection.	
f swallowed: Immediately call a poison center/doctor.	
Rinse mouth.	
f on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower	
F INHALED: Remove person to fresh air and keep comfortable for breathing.	
F exposed: Call a POISON CENTER or doctor/physician.	
Get medical advice/attention if you feel unwell.	
Specific treatment is urgent (see on this label).	
Fake off immediately all contaminated clothing and wash it before reuse.	
n case of fire: Use CO2, powder or water spray to extinguish.	
Store in a well-ventilated place. Keep container tightly closed.	
Store in a well-ventilated place. Keep cool.	
Store locked up.	
Dispose of contents/container in accordance with local/regional/national/international regulation	<i>S</i> .
Classification system:	
NFPA ratings (scale 0 - 4)	
Health = 3	
$\frac{3}{Fire} = 3$	
$\frac{3}{2} \frac{0}{Reactivity} = 0$	
HMIS-ratings (scale 0 - 4)	
<b>HEALTH</b> <sup>13</sup> $Health = *3$	
FIRE $3$ Fire = 3	
$\frac{1}{\text{REACTIVITY}} \begin{bmatrix} 0 \\ 0 \end{bmatrix} Reactivity = 0$	
$\mathbf{B} = \mathbf{A} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} U$	

• Other hazards

- Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.

(Contd. on page 3)

US

Printing date 06/05/2024

Reviewed on 06/05/2024

Trade name: Mercuric Acetate

in Methanol Solution

(Contd. of page 2)

### 3 Composition/information on ingredients

· Chemical characterization: Mixtures

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

· Dangerous components:			
CAS: 67-56-1	Methanol	93.909%	
CAS: 1600-27-7	Mercuric Acetate	6.028%	
· Table of Nonhazardous Ingredients			
CAS: 64-19-7 A	cetic Acid, Glacial	0.064%	

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

· Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

• After inhalation:

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Do not induce vomiting; immediately call for medical help.

· 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

- $\cdot$  Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. • Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

#### 6 Accidental release measures

• *Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.* 

Wear protective equipment. Keep unprotected persons away.

• Environmental precautions:

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

(Contd. on page 4)

US -

Printing date 06/05/2024

Reviewed on 06/05/2024

#### Trade name: Mercuric Acetate

#### in Methanol Solution

		(Contd. of page 3)
• Methods and ma	tterial for containment and cleaning up:	(contai of page b)
	id-binding material (sand, diatomite, acid binders, universal binders, sawdust).	
	nated material as waste according to section 13.	
Ensure adequate	ventilation.	
· Reference to oth		
	information on safe handling.	
	r information on personal protection equipment.	
	or disposal information.	
· Protective Action	n Criteria for Chemicals	
· PAC-1:		
CAS: 67-56-1	Methanol	530 ppm
CAS: 1600-27-7	Mercuric Acetate	0.048 mg/m <sup>3</sup>
CAS: 64-19-7	Acetic Acid, Glacial	5 ppm
· PAC-2:		
CAS: 67-56-1	Methanol	2,100 ppm
CAS: 1600-27-7	Mercuric Acetate	$0.064 \ mg/m^3$
CAS: 64-19-7	Acetic Acid, Glacial	35 ppm
· PAC-3:		
CAS: 67-56-1	Methanol	7200* ppm
CAS: 1600-27-7	Mercuric Acetate	$3.2 mg/m^{3}$
CAS: 64-19-7	Acetic Acid, Glacial	250 ppm

#### 7 Handling and storage

#### · Handling:

- · Precautions for safe handling
- Ensure good ventilation/exhaustion at the workplace.
- *Open and handle receptacle with care.*
- Only handle and refill product in closed systems.
- Prevent formation of aerosols.
- Information about protection against explosions and fires:
- Keep ignition sources away Do not smoke. Protect against electrostatic charges.
- Keep respiratory protective device available.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:
- Keep receptacle tightly sealed.
- Store in cool, dry conditions in well sealed receptacles.
- 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 section 7.

(Contd. on page 5)

US

Printing date 06/05/2024

Reviewed on 06/05/2024

#### Trade name: Mercuric Acetate in Methanol Solution

(Contd. of page 4)

G	(Contd. of page 4)
	rol parameters ponents with limit values that require monitoring at the workplace:
	following constituent is the only constituent of the product which has a PEL, TLV or other recommended
expo	sure limit.
	is time, the remaining constituent has no known exposure limits.
CAS	: 67-56-1 Methanol
PEL	Long-term value: 260 mg/m <sup>3</sup> , 200 ppm
REL	Short-term value: 325 mg/m³, 250 ppm
	Long-term value: 260 mg/m³, 200 ppm
	Skin
TLV	Short-term value: 250 ppm
	Long-term value: 200 ppm
	Skin; BEI
-	edients with biological limit values:
CAS	: 67-56-1 Methanol
	15 mg/L
	LD50 Intraperitoneal: urine
	Time: end of shift
	LD50: Methanol (background, nonspecific) tional information: The lists that were valid during the creation were used as basis.
Imme Wash Store <b>Brea</b> In ca respi	away from foodstuffs, beverages and feed. ediately remove all soiled and contaminated clothing. a hands before breaks and at the end of work. protective clothing separately. thing equipment: se of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use ratory protective device that is independent of circulating air. ection of hands: Protective gloves
Due chem Selec	glove material has to be impermeable and resistant to the product/ the substance/ the preparation. to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the tical mixture. tion of the glove material on consideration of the penetration times, rates of diffusion and the degradation <b>rial of gloves</b>
The s varie the g <b>Pene</b>	relection of the suitable gloves does not only depend on the material, but also on further marks of quality and s from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of love material can not be calculated in advance and has therefore to be checked prior to the application. <b>tration time of glove material</b>
	exact break through time has to be found out by the manufacturer of the protective gloves and has to be
The obset	

(Contd. of page 5)

# Safety Data Sheet acc. to OSHA HCS

Printing date 06/05/2024

Reviewed on 06/05/2024

### Trade name: Mercuric Acetate in Methanol Solution

· Eye protection:



\*

Tightly sealed goggles

· Body protection: Protective work clothing

9 Physical and chemical proper	ties
• Information on basic physical and c • General Information	hemical properties
· Appearance:	· · · · ·
Form:	Liquid
Color:	Clear
· Odor:	Alcohol
• Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	64.4 °C (147.9 °F)
· Flash point:	11 °C (51.8 °F)
· Flammability (solid, gaseous):	Highly flammable.
· Auto igniting:	455 °C (851 °F)
• Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapo mixtures are possible.
· Explosion limits:	
Lower:	5.5 Vol %
Upper:	44 Vol %
· Vapor pressure at 20 °C (68 °F):	128 hPa (96 mm Hg)
• Density at 20 °C (68 °F):	0.95406 g/cm <sup>3</sup> (7.96163 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Fully miscible.
· Partition coefficient (n-octanol/wate	r): Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
	(Contd. on page

US –

Printing date 06/05/2024

Reviewed on 06/05/2024

ade name: Mercuric Acetate in Methanol Solutio	n	
		(Contd. of pag
· Solvent content:		
Organic solvents:	94.0 %	
VOC content:	93.97 %	
	896.6 g/l / 7.48 lb/gal	
Solids content:	6.6 %	
• Other information	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:

· LD/LC50 values that are relevant for classification:

# ATE (Acute Toxicity Estimate)

 Oral
 LD50
 46.6 mg/kg

 Dermal
 LD50
 65.9 mg/kg

 Inhalative
 LC50/4h
 0.66 mg/l

#### · 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 shows the following dangers according to internally approved calculation methods for preparations: Toxic

Very toxic

#### · Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

#### · OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

(Contd. on page 8)

Printing date 06/05/2024

Reviewed on 06/05/2024

Trade name: Mercuric Acetate

in Methanol Solution

(Contd. of page 7)

### **12 Ecological information**

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · 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 3 (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

### **13 Disposal considerations**

- · Waste treatment methods
- *Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
- · Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

· UN-Number	1011002
· DOT, IMDG, IATA	UN1992
$\cdot$ UN proper shipping name	
· DOT	Flammable liquids, toxic, n.o.s. (Methanol, Mercuric Acetate)
· IMDG	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Mercuri
· IATA	Acetate), MARINE POLLUTANT FLAMMABLE LIQUID, TOXIC, N.O.S. (Methanol, Mercury
·IAIA	Acetate)
· Transport hazard class(es)	
·DOT	
RAMABLE LOOD 3 6	
· Class	3 Flammable liquids

Printing date 06/05/2024

Reviewed on 06/05/2024

Trade name: Mercuric Acetate in Methanol Solution

· Label	3, 6.1
· IMDG	
· Class	3 Flammable liquids
· Label	3/6.1
· <i>IATA</i>	
· Class	3 Flammable liquids
· Label	3 (6.1)
· Packing group · DOT, IMDG, IATA	II
· Environmental hazards:	Product contains environmentally hazardous substance
	Mercuric Acetate
• Marine pollutant:	Symbol (fish and tree)
· Special precautions for user	Warning: Flammable liquids
· Hazard identification number (Kemler code).	
• EMS Number:	F-E,S-D
· Stowage Category	B
Stowage Code	SW2 Clear of living quarters.
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
·DOT	
Quantity limitations	On passenger aircraft/rail: 5 L
~ `	On cargo aircraft only: 60 L
· IMDG	
Limited quantities (LQ)	1L
• Excepted quantities (EQ)	Code: E2
······································	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANO MERCURIC ACETATE), 3 (6.1), II

# **15 Regulatory information**

\*

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

(Contd. on page 10)

- US -

Printing date 06/05/2024

Reviewed on 06/05/2024

#### Trade name: Mercuric Acetate in Methanol Solution

Sara		(Contd. of page
Section 355 (ext	emely hazardous substances):	
CAS: 1600-27-7	Mercuric Acetate	
Section 313 (Spe	cific toxic chemical listings):	
	Methanol	
CAS: 1600-27-7	Mercuric Acetate	
· TSCA (Toxic Su	bstances Control Act):	
Methanol		ACTIV
Mercuric Acetate	,	ACTIV
Acetic Acid, Gla	rial	ACTIV
· Hazardous Air H	ollutants	I
CAS: 67-56-1	Methanol	
CAS: 1600-27-7	Mercuric Acetate	
· Proposition 65		
· Chemicals know	n to cause cancer:	
None of the ingre	edients is listed.	
· Chemicals know	n to cause reproductive toxicity for females:	
None of the ingre	dients is listed.	
· Chemicals know	n to cause reproductive toxicity for males:	
None of the ingr	dients is listed.	
· Chemicals know	n to cause developmental toxicity:	
	Methanol	
CAS: 1600-27-7	Mercuric Acetate	
· Carcinogenic ca	tegories	
*	ental Protection Agency)	

None of the ingredients is listed.

· TLV (Threshold Limit Value)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

• *GHS label elements* The product is classified and labeled according to the Globally Harmonized System (GHS). • *Hazard pictograms* 



· Signal word Danger

Hazard-determining components of labeling: Methanol
Mercuric Acetate
Hazard statements
Highly flammable liquid and vapor.
Fatal if swallowed, in contact with skin or if inhaled.

(Contd. on page 11)

<sup>-</sup> US

Printing date 06/05/2024

Trade name: Mercuric Acetate in Methanol Solution Reviewed on 06/05/2024

	(Contd. of page 10)
Causes damage to the central nervous system and the visual organs.	
May cause damage to organs through prolonged or repeated exposure.	
Precautionary statements	
Keep away from heat/sparks/open flames/hot surfaces No smoking.	
Ground/bond container and receiving equipment.	
Use explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Take precautionary measures against static discharge.	
Do not breathe dust/fume/gas/mist/vapors/spray.	
Do not get in eyes, on skin, or on clothing.	
Wash thoroughly after handling.	
Do not eat, drink or smoke when using this product.	
Use only outdoors or in a well-ventilated area.	
Wear protective gloves/protective clothing/eye protection/face protection.	
[In case of inadequate ventilation] wear respiratory protection.	
If swallowed: Immediately call a poison center/doctor.	
Rinse mouth.	
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/showe	er.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
IF exposed: Call a POISON CENTER or doctor/physician.	
Get medical advice/attention if you feel unwell.	
Specific treatment is urgent (see on this label).	
Take off immediately all contaminated clothing and wash it before reuse.	
In case of fire: Use CO2, powder or water spray to extinguish.	
Store in a well-ventilated place. Keep container tightly closed.	
Store in a well-ventilated place. Keep cool.	
Store locked up.	
Dispose of contents/container in accordance with local/regional/national/international regulation	ons.
<b>Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.	

#### **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: · Date of preparation / last revision Revision 1.2, 06/05/2024: Reviewed SDS for accuracy. MH/STN Revision 0.0, 05-29-2024: Creation date for SDS. STN 06/05/2024 · Abbreviations and acronyms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association 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) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

(Contd. on page 12)

US

Printing date 06/05/2024

Reviewed on 06/05/2024

### Trade name: Mercuric Acetate in Methanol Solution

(Contd. of page 11)

US

NIOSH: National Institute for Occupational Safety	-
OSHA: Occupational Safety & Health	
TLV: Threshold Limit Value	
PEL: Permissible Exposure Limit	
REL: Recommended Exposure Limit	
BEI: Biological Exposure Limit	
Flammable Liquids 2: Flammable liquids – Category 2	
Acute Toxicity - Oral 2: Acute toxicity – Category 2	
Specific Target Organ Toxicity - Single Exposure 1: Specific target organ toxicity (single exposure) – Category 1	
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2	
$\cdot$ * Data compared to the previous version altered.	