Safety Data Sheet
acc. to OSHA HCS

Printing date 07/24/2024 Reviewed on 07/24/2024

1 Identification

· **Product identifier**

· **Trade name: Sample Solvent**
Prepared to ASTM D4377

· **Article number:** SAY007

· **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 shermann@aquasolutions.org
· **Emergency telephone number:**
Chemtrec: 800-424-9300
Canutec: 613-996-6666

*
2 Hazard(s) identification

· **Classification of the substance or mixture**

GHS02 Flame

Flammable Liquids 2	H225 Highly flammable liquid and vapor.

GHS06 Skull and crossbones

Acute Toxicity - Dermal 3	H311 Toxic in contact with skin.
Acute Toxicity - Inhalation 3	H331 Toxic if inhaled.

GHS08 Health hazard

Carcinogenicity 2	H351 Suspected of causing cancer.
Toxic to Reproduction 1B	H360 May damage fertility or the unborn child.
Specific Target Organ Toxicity - Single Exposure 2	H371 May cause damage to the central nervous system and the visual organs.
Specific Target Organ Toxicity - Repeated Exposure 1	H372 Causes damage to organs through prolonged or repeated exposure.
Aspiration Hazard 1	H304 May be fatal if swallowed and enters airways.

GHS05 Corrosion

Skin Corrosion 1B	H314 Causes severe skin burns and eye damage.
Eye Damage 1	H318 Causes serious eye damage.

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 1)

GHS07

Acute Toxicity - Oral 4 H302 Harmful if swallowed.

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

GHS02 GHS05 GHS06 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
Xylene (Xylol)
1-ethylpiperidine
Ethylene Glycol Monomethyl Ether
Pyridine
Methanol
Iodine *DEA regulated item
Sulfur Dioxide
· **Hazard statements**
Highly flammable liquid and vapor.
Harmful if swallowed.
Toxic in contact with skin or if inhaled.
Causes severe skin burns and eye damage.
Suspected of causing cancer.
May damage fertility or the unborn child.
May cause damage to the central nervous system and the visual organs.
Causes damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.
· **Precautionary statements**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
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 dusts or mists.
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.
If swallowed: Immediately call a poison center/doctor.
Specific treatment (see on this label).
If swallowed: Rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/24/2024 Reviewed on 07/24/2024

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 2)

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
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 regulations.

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

Health = 3
Fire = 4
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

*Health = *3*
Fire = 4
Reactivity = 0

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

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**
· **Description:** *Mixture of the substances listed below with nonhazardous additions.*

· **Dangerous components:**		
CAS: 1330-20-7	Xylene (Xylol)	67.174%
CAS: 766-09-6	1-ethylpiperidine	12.354%
	Ethylene Glycol Monomethyl Ether	8.114%
CAS: 67-56-1	Methanol	6.111%
CAS: 110-86-1	Pyridine	3.303%
CAS: 7553-56-2	Iodine *DEA regulated item	1.795%
CAS: 7446-09-5	Sulfur Dioxide	1.149%

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.

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 3)

· ***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:***
Immediately call a doctor.
Drink copious amounts of water and provide fresh air. Immediately call a 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:***
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· ***For safety reasons unsuitable extinguishing agents:*** *Water with full jet*
· ***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:***
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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).
Use neutralizing agent.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
· ***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.
· ***Protective Action Criteria for Chemicals***

· ***PAC-1:***		
CAS: 1330-20-7	*Xylene (Xylol)*	*130 ppm*
	Ethylene Glycol Monomethyl Ether	*0.3 ppm*
CAS: 67-56-1	*Methanol*	*530 ppm*
CAS: 110-86-1	*Pyridine*	*3 ppm*
CAS: 7553-56-2	*Iodine *DEA regulated item*	*0.1 ppm*

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 4)

CAS: 7446-09-5	Sulfur Dioxide	0.20 ppm

· **PAC-2:**		
CAS: 1330-20-7	Xylene (Xylol)	920* ppm
	Ethylene Glycol Monomethyl Ether	14 ppm
CAS: 67-56-1	Methanol	2,100 ppm
CAS: 110-86-1	Pyridine	19 ppm
CAS: 7553-56-2	Iodine *DEA regulated item	0.5 ppm
CAS: 7446-09-5	Sulfur Dioxide	0.75 ppm

· **PAC-3:**		
CAS: 1330-20-7	Xylene (Xylol)	2500* ppm
	Ethylene Glycol Monomethyl Ether	2000* ppm
CAS: 67-56-1	Methanol	7200* ppm
CAS: 110-86-1	Pyridine	3600* ppm
CAS: 7553-56-2	Iodine *DEA regulated item	5 ppm
CAS: 7446-09-5	Sulfur Dioxide	30 ppm

7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
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.

· **Control parameters**
· **Components with limit values that require monitoring at the workplace:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 5)

CAS: 1330-20-7 Xylene (Xylol)	
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 20 ppm BEI, A4
Ethylene Glycol Monomethyl Ether	
PEL	Long-term value: 80 mg/m³, 25 ppm Skin
REL	Long-term value: 0.3 mg/m³, 0.1 ppm Skin
TLV	Long-term value: 0.1 ppm Skin; BEI
WEEL	Skin; B
CAS: 67-56-1 Methanol	
PEL	Long-term value: 260 mg/m³, 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; BEIc
CAS: 110-86-1 Pyridine	
PEL	Long-term value: 15 mg/m³, 5 ppm
REL	Long-term value: 15 mg/m³, 5 ppm
TLV	Long-term value: 1 ppm A3
CAS: 7553-56-2 Iodine *DEA regulated item	
PEL	Ceiling limit value: 1 mg/m³, 0.1 ppm
REL	Ceiling limit value: 1 mg/m³, 0.1 ppm
TLV	Long-term value: 0.01** mg/m³, 0.001* ppm Skin, A4,*inh. fraction/vapor; **Inhalable
CAS: 7446-09-5 Sulfur Dioxide	
PEL	Long-term value: 13 mg/m³, 5 ppm
REL	Short-term value: 13 mg/m³, 5 ppm Long-term value: 5 mg/m³, 2 ppm
TLV	Short-term value: 0.25 ppm A4

· **Ingredients with biological limit values:**

CAS: 1330-20-7 Xylene (Xylol)	
BEI	1.5 g/g creatinine LD50 Intraperitoneal: urine Time: end of shift LD50: Methylhippuric acids

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 6)

Ethylene Glycol Monomethyl Ether	
BEI	1 mg/g creatinine LD50 Intraperitoneal: urine Time: end of shift at end of workweek LD50: 2-Methoxyacetic acid
CAS: 67-56-1 Methanol	
BEI	15 mg/L LD50 Intraperitoneal: urine Time: end of shift LD50: Methanol (background, nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**
· **Personal protective equipment:**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· **Protection of hands:**

Protective gloves

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

Tightly sealed goggles

· **Body protection:** Protective work clothing

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 7)

*
9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Liquid
Color:	Brown
· **Odor:**	Characteristic
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	36 °C (96.8 °F)
· **Flash point:**	11 °C (51.8 °F)
· **Flammability (solid, gaseous):**	Highly flammable.
· **Auto igniting:**	230 °C (446 °F)
· **Decomposition temperature:**	Not determined.
· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· **Explosion limits:**	
Lower:	1.1 Vol %
Upper:	7 Vol %
· **Vapor pressure at 20 °C (68 °F):**	6.7-8.2 hPa (5-6.2 mm Hg)
· **Vapor pressure at 50 °C (122 °F):**	40 hPa (30 mm Hg)
· **Density at 20 °C (68 °F):**	0.77709 g/cm³ (6.48482 lbs/gal)
· **Relative density**	Not determined.
· **Vapor density**	Not determined.
· **Evaporation rate**	Not determined.
· **Solubility in / Miscibility with**	
Water:	Not miscible or difficult to mix.
· **Partition coefficient (n-octanol/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	93.8 %
VOC content:	93.75 % 728.5 g/l / 6.08 lb/gal
Solids content:	1.8 %
· **Other information**	No further relevant information available.

US

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/24/2024 Reviewed on 07/24/2024

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 8)

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	444 mg/kg
Dermal	LD50	743 mg/kg
Inhalative	LC50/4h	5.37 mg/l

· **Primary irritant effect:**
· **on the skin:** Caustic effect on skin and mucous membranes.
· **on the eye:**
Strong caustic effect.
Strong irritant with the danger of severe eye injury.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Toxic
Harmful
Corrosive
Irritant
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
CAS: 1330-20-7	Xylene (Xylol)	3
CAS: 110-86-1	Pyridine	2B
CAS: 7446-09-5	Sulfur Dioxide	3

· **NTP (National Toxicology Program)**
None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.

(Contd. on page 10)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 9)

· **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 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Danger to drinking water if even 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.

*
14 Transport information

· **UN-Number**
· **DOT, IMDG, IATA** UN1993

· **UN proper shipping name**
· **DOT** Flammable liquids, n.o.s. (Xylene (Xylol), 1-ethylpiperidine, Methanol, Pyridine)
· **IMDG, IATA** FLAMMABLE LIQUID, N.O.S. (Xylene (Xylol), 1-ethylpiperidine, Methanol, Pyridine)

· **Transport hazard class(es)**

· **DOT**

· **Class** 3 Flammable liquids
· **Label** 3

· **IMDG, IATA**

· **Class** 3 Flammable liquids

(Contd. on page 11)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 10)

· **Label**	3
· **Packing group** · **DOT, IMDG, IATA**	II
· **Environmental hazards:**	Not applicable.
· **Special precautions for user**	Warning: Flammable liquids
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **UN "Model Regulation":**	UN 1993 FLAMMABLE LIQUID, N.O.S. (XYLENE (XYLOL), 1-ETHYLPIPERIDINE, METHANOL, PYRIDINE), 3, II

*
15 Regulatory information

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

· **Section 355 (extremely hazardous substances):**	
CAS: 7446-09-5	Sulfur Dioxide

· **Section 313 (Specific toxic chemical listings):**	
CAS: 1330-20-7	Xylene (Xylol)
	Ethylene Glycol Monomethyl Ether
CAS: 67-56-1	Methanol
CAS: 110-86-1	Pyridine

· **TSCA (Toxic Substances Control Act):**	
Xylene (Xylol)	ACTIVE
1-ethylpiperidine	ACTIVE
Ethylene Glycol Monomethyl Ether	ACTIVE
Methanol	ACTIVE
Pyridine	ACTIVE
Iodine *DEA regulated item	ACTIVE
Sulfur Dioxide	ACTIVE

· **Hazardous Air Pollutants**	
CAS: 1330-20-7	Xylene (Xylol)
CAS: 67-56-1	Methanol

· **Proposition 65**

· **Chemicals known to cause cancer:**	
CAS: 110-86-1	Pyridine

· **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**
Ethylene Glycol Monomethyl Ether

(Contd. on page 12)

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/24/2024 Reviewed on 07/24/2024

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 11)

· **Chemicals known to cause developmental toxicity:**	
	Ethylene Glycol Monomethyl Ether
CAS: 67-56-1	Methanol
CAS: 7446-09-5	Sulfur Dioxide

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**		
CAS: 1330-20-7	Xylene (Xylol)	I

· **TLV (Threshold Limit Value)**		
CAS: 1330-20-7	Xylene (Xylol)	A4
CAS: 110-86-1	Pyridine	A3
CAS: 7553-56-2	Iodine *DEA regulated item	A4
CAS: 7446-09-5	Sulfur Dioxide	A4

· **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**

GHS02 GHS05 GHS06 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
Xylene (Xylol)
1-ethylpiperidine
Ethylene Glycol Monomethyl Ether
Pyridine
Methanol
Iodine *DEA regulated item
Sulfur Dioxide
· **Hazard statements**
Highly flammable liquid and vapor.
Harmful if swallowed.
Toxic in contact with skin or if inhaled.
Causes severe skin burns and eye damage.
Suspected of causing cancer.
May damage fertility or the unborn child.
May cause damage to the central nervous system and the visual organs.
Causes damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.
· **Precautionary statements**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
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.

(Contd. on page 13)

Safety Data Sheet
acc. to OSHA HCS

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 12)

Take precautionary measures against static discharge.
Do not breathe dusts or mists.
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.
If swallowed: Immediately call a poison center/doctor.
Specific treatment (see on this label).
If swallowed: Rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
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 regulations.
· **Chemical safety assessment:** *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, 07-24-2024: Reviewed SDS for accuracy. STN/GW
07/24/2024 / 1.1
· **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
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 4: Acute toxicity – Category 4
Acute Toxicity - Dermal 3: Acute toxicity – Category 3
Skin Corrosion 1B: Skin corrosion/irritation – Category 1B

(Contd. on page 14)

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/24/2024 *Reviewed on 07/24/2024*

Trade name: Sample Solvent
Prepared to ASTM D4377

(Contd. of page 13)

Eye Damage 1: Serious eye damage/eye irritation – Category 1
Carcinogenicity 2: Carcinogenicity – Category 2
Toxic to Reproduction 1B: Reproductive toxicity – Category 1B
Specific Target Organ Toxicity - Single Exposure 2: Specific target organ toxicity (single exposure) – Category 2
Specific Target Organ Toxicity - Repeated Exposure 1: Specific target organ toxicity (repeated exposure) – Category 1
Aspiration Hazard 1: Aspiration hazard – Category 1

· **** Data compared to the previous version altered.***