Printing date 08/19/2024

*

Reviewed on 08/19/2024

Product identifier	
Trade name: <u>Sodium Acetate /</u> Toluene Solution	
Article number: ERL081	
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	AQUA SOLUTIONS
Information department: Technical Coordinator Sherman Nelson shermann@aquasolutions.org Emergency telephone number: Chemtrec: 800-424-9300 Canutec: 613-996-6666	
Hazard(s) identification	
Classification of the substance or mixture	
GHS02 Flame	
Flammable Liquids 2	H225 Highly flammable liquid and vapor.
GHS08 Health hazard	
Toxic to Reproduction 2	H361 Suspected of damaging fertility or the unborn child
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.
Aspiration Hazard 1	H304 May be fatal if swallowed and enters airways.
GHS07	
Acute Toxicity - Oral 4	H302 Harmful if swallowed.
Acute Toxicity - Dermal 4	H312 Harmful in contact with skin.
Acute Toxicity - Inhalation 4	H332 Harmful if inhaled.
Skin Irritation 2	H315 Causes skin irritation.
Skin Innunon 2	H319 Causes serious eye irritation.
<i>Eye Irritation 2</i> <i>Specific Target Organ Toxicity - Single Exposure 3</i>	H336 May cause drowsiness or dizziness.

Printing date 08/19/2024

Trade name: Sodium Acetate / Toluene Solution Reviewed on 08/19/2024

(Contd. of page 1) · Hazard pictograms GHS02 GHS07 GHS08 · Signal word Danger · Hazard-determining components of labeling: Methanol Toluene Isopropanol · Hazard statements Highly flammable liquid and vapor. Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Causes damage to the central nervous system and the visual organs. May cause drowsiness or dizziness. May cause 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 dust/fume/gas/mist/vapors/spray. 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). 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. Rinse mouth. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eve irritation persists: Get medical advice/attention. 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. (Contd. on page 3)

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

(Contd. of page 2)



· 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: 108-88-3	Toluene	51.287%	
CAS: 67-56-1	Methanol	23.166%	
CAS: 67-63-0	Isopropanol	22.976%	
· Table of Nonhazardous Ingredients			
CAS: 7732-18-5		1.754%	
CAS: 6131-90-4	Sodium Acetate Trihydrate	0.817%	

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.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. 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. If symptoms persist, consult a doctor.

· After swallowing: 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.

(Contd. on page 4)

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

(Contd. of page 3)

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.
- · 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

	y protective device. equipment. Keep unprotected persons away.	
Environmental p	precautions:	
Dilute with plenty	y of water.	
	enter sewers/ surface or ground water.	
	terial for containment and cleaning up:	
	id-binding material (sand, diatomite, acid binders, universal binders, sawdust).	
	nated material as waste according to section 13.	
Ensure adequate Reference to oth		
	information on safe handling.	
	information on personal protection equipment.	
	r disposal information.	
	1 Criteria for Chemicals	
PAC-1:	-	
CAS: 108-88-3	Toluene	67 ppm
CAS: 67-56-1	Methanol	530 ppm
CAS: 67-63-0	Isopropanol	400 ppm
CAS: 6131-90-4	Sodium Acetate Trihydrate	11 mg/m
PAC-2:		
CAS: 108-88-3	Toluene	560 ppm
CAS: 67-56-1	Methanol	2,100 ppm
CAS: 67-63-0	Isopropanol	2000* ppn
CAS: 6131-90-4	Sodium Acetate Trihydrate	120 mg/m ⁻
PAC-3:		
CAS: 108-88-3	Toluene	3700* ppm
CAS: 67-56-1	Methanol	7200* ppm
CAS: 67-63-0	Isopropanol	12000** ppr
CAS: 6121 00 1	Sodium Acetate Trihydrate	690 mg/m³

(Contd. on page 5)

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

(Contd. of page 4)

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

· Com	ponents with limit values that require monitoring at the workplace:
CAS	: 108-88-3 Toluene
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm
TLV	Long-term value: 20 ppm BEI, OTO, A4
CAS	: 67-56-1 Methanol
PEL	Long-term value: 260 mg/m ³ , 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	: 67-63-0 Isopropanol
PEL	Long-term value: 980 mg/m³, 400 ppm
REL	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm
TLV	Short-term value: 400 ppm Long-term value: 200 ppm BEI, A4
	(Contd. on page 6)
	-U.

Printing date 08/19/2024

Trade name: Sodium Acetate / Toluene Solution Reviewed on 08/19/2024

(Contd. of page 5)

BEI 0.0 LL Tiù LL 0.1 LL Tiù LL 0.3 LL Tiù LL LL LL LL LL LL LL LL LL L	D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7 -63-0 Isopropanol
LL Tiù LL 0.0 LL Tiù LL 0.1 LL Tiù LL LL Tiù LL LL Tiù LL LL Tiù LL LL LL Tiù LL LL LL LL LL LL LL LL LL L	 D50 Intraperitoneal: blood me: prior to last shift of workweek D50: Toluene 03 mg/L D50 Intraperitoneal: urine me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 505 Intraperitoneal: urine me: end of shift D50 Intraperitoneal: urine me end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 505 Intraperitoneal: urine me: end of shift D50 Intraperitoneal: urine mg/L D50 Intraperitoneal: urine me: end of shift me: end of shift
LL Tiù LL 0.0 LL Tiù LL 0.1 LL Tiù LL LL Tiù LL LL Tiù LL LL Tiù LL LL LL Tiù LL LL LL LL LL LL LL LL LL L	 D50 Intraperitoneal: blood me: prior to last shift of workweek D50: Toluene 03 mg/L D50 Intraperitoneal: urine me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 505 Intraperitoneal: urine me: end of shift D50 Intraperitoneal: urine me end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 505 Intraperitoneal: urine me: end of shift D50 Intraperitoneal: urine mg/L D50 Intraperitoneal: urine me: end of shift me: end of shift
The 0.0 LL The LL 0.1 LL 0.1 LL The	me: prior to last shift of workweek D50: Toluene 03 mg/L D50 Intraperitoneal: urine me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
LL 0.0 LL Th LL 0.1 LL Th LL TH LL T LL TH LL TH LL TH LL TH LL TH LL TH	 D50: Toluene D50: Toluene D50 Intraperitoneal: urine me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol Tmg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
0.0 11 12 0.1 12 13 14 15 15 15 15 15 15 15 15 15 15	03 mg/L D50 Intraperitoneal: urine me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
LL Tiù UL 0.3 LL Tiù LL Tù LL LL Tù LL LL LL Tù LL LL LL LL LL LL LL LL LL L	 D50 Intraperitoneal: urine me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
LL Tiù UL 0.3 LL Tiù LL Tù LL LL Tù LL LL LL Tù LL LL LL LL LL LL LL LL LL L	 D50 Intraperitoneal: urine me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
Tii 0 LL Tii LL Tii LL CAS: 6 BEI CAS: 6 BEI 40	me: end of shift D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
LL 0 LL Tii LL CAS: 6 BEI 15 LL Tii LL Tii LL CAS: 6 BEI 40	 D50: Toluene 3 mg/g creatinine D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
LL Tin LL CAS: 6 BEI 15 LL Tin LL CAS: 6 BEI 40	 D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
LL Tin LL CAS: 6 BEI 15 LL Tin LL CAS: 6 BEI 40	 D50 Intraperitoneal: urine me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
Tin LI CAS: 6 BEI 15 LI Tin LI Tin LI CAS: 6 BEI AG BEI	me: end of shift D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
LI CAS: 6 BEI 15 LI Tin LI CAS: 6 BEI 40	D50: o-Cresol with hydrolysis (background) 7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
CAS: 6 BEI 15 LL Tin LI CAS: 6 BEI 40	7-56-1 Methanol 5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7-63-0 Isopropanol
BEI 15 LI Tiu LI CAS: 6 BEI 40	5 mg/L D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7 -63-0 Isopropanol
LI Tin LI CAS: 6 BEI 40	D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7 -63-0 Isopropanol
LI Tin LI CAS: 6 BEI 40	D50 Intraperitoneal: urine me: end of shift D50: Methanol (background, nonspecific) 7 -63-0 Isopropanol
Tin LL CAS: 6 BEI 40	me: end of shift D50: Methanol (background, nonspecific) 7 -63-0 Isopropanol
CAS: 6 BEI 40	7-63-0 Isopropanol
CAS: 6 BEI 40	7-63-0 Isopropanol
BEI 40	• •
	D50 Intraperitoneal: urine
	me: end of shift at end of workweek
	D50: Acetone (background, nonspecific)
	nal information: The lists that were valid during the creation were used as basis.
Aaaino	nal information: The lists that were valia during the creation were used as basis.
Exposu	ire controls
Person	al protective equipment:
Genera	I protective and hygienic measures:
Keep a	way from foodstuffs, beverages and feed.
Immedi	ately remove all soiled and contaminated clothing.
Wash h	ands before breaks and at the end of work.
Store p	rotective clothing separately.
Avoid c	contact with the eyes and skin.
Breathi	ing equipment:
	of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure
	tory protective device that is independent of circulating air.
Protect	ion of hands:
dlb	
.112	Protective gloves
	1 Tolecuve gloves
The glo	we material has to be impermeable and resistant to the product/ the substance/ the preparation.
	missing tests no recommendation to the glove material can be given for the product/ the preparation/
Due to	
chemice	al mixture.
chemico Selectio	al mixture. In of the glove material on consideration of the penetration times, rates of diffusion and the degradation
chemico Selectio Materio	al mixture. on of the glove material on consideration of the penetration times, rates of diffusion and the degradation al of gloves
chemico Selectio Materio The sele	al mixture. In of the glove material on consideration of the penetration times, rates of diffusion and the degradation

page /)

Printing date 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

(Contd. of page 6)

Reviewed on 08/19/2024

· 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

Information on basic physical and	chemical properties
General Information	
Appearance:	7 • • • 1
Form:	Liquid
Color: Odor:	Clear Organic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	64 °C (147.2 °F)
Flash point:	4 °C (39.2 °F)
Flammability (solid, gaseous):	Highly flammable.
Auto igniting:	425 °C (797 °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:	1.2 Vol %
Upper:	44 Vol %
Vapor pressure at 20 °C (68 °F):	128 hPa (96 mm Hg)
Density at 20 °C (68 °F):	0.83279 g/cm³ (6.94963 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/wat	er): Not determined.
Viscosity: Dynamic:	Not determined.

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

		(Contd. of page 7)
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	97.4 %	
Water:	1.8 %	
VOC content:	97.43 %	
	811.4 g/l / 6.77 lb/gal	
Solids content:	0.8 %	
• 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	432 mg/kg
Dermal	LD50	1,295 mg/kg
Inhalative	LC50/4h	12.9 mg/l

· Primary irritant effect:

- on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

Irritant

· Carcinogenic categories

	tional Agency for Research on Cancer)	
CAS: 108-88-3	Toluene	3
CAS: 67-63-0	Isopropanol	3
· NTP (National	l Toxicology Program)	
None of the ing	predients is listed.	
		(Contd. on page 9)

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

(Contd. of page 8)

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

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 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.

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.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

· UN-Number · DOT, IMDG, IATA	UN1993
· UN proper shipping name · DOT	Flammable liquids, n.o.s. (Toluene, Methanol, Isopropanol
IMDG, IATA	/ FLAMMABLE LIQUID, N.O.S. (Toluene, Methanol, Isopropano)
· Transport hazard class(es)	
DOT	
RAMARE LOUD	
· Class	3 Flammable liquids

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

	(Contd. of page
Label	3
IMDG, IATA	
Class	3 Flammable liquids
Label	3
Packing group DOT, IMDG, IATA	II
Environmental hazards: Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
Hazard identification number (Kemler code):	
EMS Number:	<i>F-E</i> , <u><i>S-E</i></u>
Stowage Category	В
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 $(\widetilde{E}Q)$	Code: E2
·	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (TOLUEN) METHANOL, ISOPROPANOL
), <i>3</i> , <i>II</i>

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):

None of the ingredients is listed.

• Section 313 (Specific toxic chemical listings):

CAS: 108-88-3 Toluene

CAS: 67-56-1 Methanol

CAS: 67-63-0 Isopropanol

· TSCA (Toxic Substances Control Act):

Toluene

ACTIVE

(Contd. on page 11)

[·]US

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: Sodium Acetate / Toluene Solution

		(Contd. of page 10)	
Methanol		ACTIVE	
Isopropanol		ACTIVE	
Water		ACTIVE	
• Hazardous Air	Pollutants		
CAS: 108-88-3	Toluene		
CAS: 67-56-1	Methanol		
· Proposition 65			
· Chemicals know	vn to cause cancer:		
None of the ing	redients is listed.		
· Chemicals kno	vn to cause reproductive toxicity for females:		
None of the ing	redients is listed.		
· Chemicals kno	vn to cause reproductive toxicity for males:		
None of the ing	redients is listed.		
· Chemicals kno	vn to cause developmental toxicity:		
CAS: 108-88-3	Toluene		
CAS: 67-56-1	Methanol		
· Carcinogenic c	· Carcinogenic categories		
	nental Protection Agency)		
CAS: 108-88-3	Toluene	II	
· TLV (Threshol	l Limit Value)		
CAS: 108-88-3	Toluene	A4	

CAS: 67-63-0 Isopropanol

·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 Toluene Isopropanol
Hazard statements Highly flammable liquid and vapor. Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Causes damage to the central nervous system and the visual organs. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

(Contd. on page 12)

A4

Printing date 08/19/2024

Trade name: Sodium Acetate /

Toluene Solution

(Contd. of page 11) 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 dust/fume/gas/mist/vapors/spray. 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). 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. Rinse mouth. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. 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, 08-19-2024: Reviewed SDS for accuracy. STN/GW Creation date for SDS 11-12-2014. STN 08/19/2024 / 1.1
 Abbreviations and acronyms:

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) Reviewed on 08/19/2024

(Contd. on page 13)

Printing date 08/19/2024

Trade name: Sodium Acetate / Toluene Solution Reviewed on 08/19/2024

	(Contd. of page 12)
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	
Skin Irritation 2: Skin corrosion/irritation – Category 2	
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A	
<i>Toxic to Reproduction 2: Reproductive toxicity – Category 2</i>	
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	
Aspiration Hazard 1: Aspiration hazard – Category 1	
* Data compared to the previous version altered.	

US