Printing date 12/19/2017 Reviewed on 12/19/2017

1 Identification

· Product identifier

· Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

· Article number: ODP118

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier: Aqua Solutions, Inc. 6913 Highway 225 DEER PARK, TX 77536 USA

800-256-2586

· Information department:

Technical Coordinator

Sherman Nelson sherman@aquasolutions.org

· Emergency telephone number:

Chemtrec: 800-424-9300 Canutec: 613-996-6666



2 Hazard(s) identification

· Classification of the substance or mixture



GHS05 Corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

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



GHS05

- · Signal word Danger
- · Hazard-determining components of labeling:

Hydrochloric Acid

· Hazard statements

Causes severe skin burns and eye damage.

· Precautionary statements

Do not breathe dusts or mists.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

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.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

(Contd. on page 2)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 1)

Wash contaminated clothing before reuse.

Store locked up.

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

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



Health = 3Fire = 0Reactivity = 0

· HMIS-ratings (scale 0 - 4)



*3 *Health* = *3 Fire = 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 con	-	
CAS: 7647-01-0	Hydrochloric Acid	8.0%
· Table of Nonha	zardous Ingredients	
CAS: 7647-14-5	5 Sodium Chloride	3.0%
CAS: 7697-37-2	Nitric Acid	0.05%
CAS: 87-69-4	L-Tartaric Acid	0.009%
CAS: 7664-39-3	Hydrofluoric Acid 49-51% Aqueous Solution	0.009%
CAS: 7757-82-0	5 Sodium Sulfate Anhydrous	0.0089%
CAS: 7440-43-9	cadmium Metal	0.0001%
CAS: 7440-41-7	7 beryllium	0.0001%
CAS: 7440-24-0	5 strontium	0.0001%
CAS: 7440-48-4	4 cobalt	0.0001%
CAS: 7440-47	3 chromium	0.0001%
CAS: 7439-89-0	Iron Metal	0.0001%
CAS: 7440-38-2	2 arsenic	0.0001%
CAS: 7440-50-8	8 copper	0.0001%
CAS: 7439-92-	l Lead Shot #8	0.0001%
CAS: 7440-32-0	Titanium Metal	0.0001%
CAS: 7440-02-0		0.0001%
CAS: 7439-96-3	5 manganese	0.0001%
CAS: 7440-66-0		0.0001%
CAS: 7440-28-0) thallium	0.0001%

(Contd. on page 3)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

		(Contd. of page 2)
CAS: 7439-98-7	Molybdenum Metal, 99.8%	0.0001%
CAS: 7439-95-4	Magnesium	0.0001%
CAS: 7440-36-0	Antimony Metal	0.0001%
CAS: 7782-49-2	selenium	0.0001%
CAS: 7440-70-2	Calcium Metal	0.0001%
CAS: 7439-93-2	lithium	0.0001%
CAS: 7440-62-2	vanadium	0.0001%
CAS: 7732-18-5	Water	88.921%

4 First-aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation: 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: 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: Use fire fighting measures that suit the environment.
- · Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · **Protective equipment:** No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

- Environmental precautions: 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 item 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: 7647-01-0 Hydrochloric Acid	1.8 ppm
	(Contd. on page 1)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml 86.6 ug/ml Na₂SO₄Analytical Reference Std.

CAS: 7697-37-2 I	Vitric Acid	(Contd. of page 0.16 ppm
	L-Tartaric Acid	1.6 mg/m ³
	Hydrofluoric Acid 49-51% Aqueous Solution	1.0 ppm
	Sodium Sulfate Anhydrous	9.8 mg/m ³
	radmium Metal	0.10 mg/m^3
CAS: 7440-41-7 &		0.0023 mg/m
CAS: 7440-24-6 s	•	30 mg/m^3
	robalt	0.18 mg/m^3
CAS: 7440-47-3 C		1.5 mg/m^3
CAS: 7439-89-6 1		3.2 mg/m^3
	ursenic	1.5 mg/m^3
CAS: 7440-50-8 d		3 mg/m ³
CAS: 7439-92-1 1	**	0.15 mg/m^3
CAS: 7440-32-6 T		30 mg/m^3
CAS: 7440-02-0 I		4.5 mg/m^3
CAS: 7439-96-5 n		3 mg/m ³
CAS: 7440-66-6 Z		6 mg/m ³
CAS: 7440-00-0 Z		0.06 mg/m^3
	nattum Molybdenum Metal, 99.8%	30 mg/m^3
	-	, and the second
CAS: 7439-95-4 M		18 mg/m^3
CAS: 7440-36-0 A	·	1.5 mg/m^3
	elenium	0.6 mg/m^3
CAS: 7439-93-2 l		3.3 mg/m^3
CAS: 7440-62-2 v	ranadium	3 mg/m ³
<i>PAC-2:</i>		
CAS: 7647-01-0 I	•	22 ppm
CAS: 7697-37-2 1		24 ppm
	L-Tartaric Acid	17 mg/m³
	Hydrofluoric Acid 49-51% Aqueous Solution	24 ppm
	Sodium Sulfate Anhydrous	110 mg/m³
CAS: 7440-43-9 d	cadmium Metal	$0.76 \ mg/m^3$
	peryllium	0.025 mg/m
CAS: 7440-24-6 s	trontium	330 mg/m³
CAS: 7440-48-4 c	eobalt	2 mg/m ³
CAS: 7440-47-3 c	rhromium	17 mg/m^3
CAS: 7439-89-6 I	ron Metal	35 mg/m ³
CAS: 7440-38-2 d	ırsenic	17 mg/m³
CAS: 7440-50-8 d	copper	33 mg/m³
CAS: 7439-92-1 1	Lead Shot #8	120 mg/m³
CAS: 7440-32-6 T	Titanium Metal	330 mg/m³
CAS: 7440-02-0 1	Nickel Metal	50 mg/m³
	nanganese	5 mg/m ³

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

	(Contd. of page
CAS: 7440-66-6 Zinc Metal	21 mg/m³
CAS: 7440-28-0 thallium	3.3 mg/m^3
CAS: 7439-98-7 Molybdenum Metal, 99.8%	330 mg/m³
CAS: 7439-95-4 Magnesium	200 mg/m³
CAS: 7440-36-0 Antimony Metal	13 mg/m³
CAS: 7782-49-2 selenium	6.6 mg/m ³
CAS: 7439-93-2 lithium	36 mg/m³
CAS: 7440-62-2 vanadium	5.8 mg/m ³
· PAC-3:	·
CAS: 7647-01-0 Hydrochloric Acid	100 ppm
CAS: 7697-37-2 Nitric Acid	92 ppm
CAS: 87-69-4 L-Tartaric Acid	100 mg/m³
CAS: 7664-39-3 Hydrofluoric Acid 49-51% Aqueous Solution	44 ppm
CAS: 7757-82-6 Sodium Sulfate Anhydrous	650 mg/m³
CAS: 7440-43-9 cadmium Metal	4.7 mg/m³
CAS: 7440-41-7 beryllium	0.1 mg/m ³
CAS: 7440-24-6 strontium	2,000 mg/m
CAS: 7440-48-4 cobalt	20 mg/m³
CAS: 7440-47-3 chromium	99 mg/m³
CAS: 7439-89-6	150 mg/m³
CAS: 7440-38-2 arsenic	100 mg/m³
CAS: 7440-50-8 copper	200 mg/m³
CAS: 7439-92-1 Lead Shot #8	700 mg/m³
CAS: 7440-32-6 Titanium Metal	2,000 mg/m
CAS: 7440-02-0 Nickel Metal	99 mg/m³
CAS: 7439-96-5 manganese	1,800 mg/m
CAS: 7440-66-6 Zinc Metal	120 mg/m³
CAS: 7440-28-0 thallium	20 mg/m³
CAS: 7439-98-7 Molybdenum Metal, 99.8%	2,000 mg/m
CAS: 7439-95-4 Magnesium	1,200 mg/m
CAS: 7440-36-0 Antimony Metal	80 mg/m³
CAS: 7782-49-2 selenium	40 mg/m³
CAS: 7439-93-2 lithium	220 mg/m³
CAS: 7440-62-2 vanadium	35 mg/m ³

7 Handling and storage

- · Handling:
- Precautions for safe handling No special precautions are necessary if used correctly.
- · Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.

(Contd. on page 6)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 5)

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- \cdot *Specific end use(s) No further relevant information available.*

8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters

· Components with limit values that require monitoring at the workplace:

CAS: 7647-01-0 Hydrochloric Acid

NIOSH RECOMENDED EXP LIMI | Ceiling limit value: 7.0 mg/m3 mg/m³
PEL | Ceiling limit value: 7 mg/m³, 5 ppm
REL | Ceiling limit value: 7 mg/m³, 5 ppm
TLV | Ceiling limit value: 2.98 mg/m³, 2 ppm

- · 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.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- · Breathing equipment: Not required.
- · Protection of hands:



Protective gloves

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

(Contd. on page 7)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml 86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 6)

· Body protection: Protective work clothing

Physical and chemical proper	ties
Information on basic physical and c	hemical properties
General Information	* *
Appearance:	
Form:	Liquid
Color:	Clear
· Odor:	Odorless
Odor threshold:	Not determined.
pH-value at 20 °C (68 °F):	<2
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
Density at 20 °C (68 °F):	1.002 g/cm³ (8.36169 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/wate	er): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Water:	88.9 %
VOC content:	0.00 %
	0.0 g/l / 0.00 lb/gl
Solids content:	0.0 %
Other information	No further relevant information available.

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 7)

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 125,000 mg/kg (rat)

- · Primary irritant effect:
- · on the skin: Strong 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: 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: 7440-43-9	cadmium Metal	1
CAS: 7440-41-7	beryllium	1
CAS: 7440-48-4	cobalt	2B
CAS: 7440-47-3	chromium	3
CAS: 7440-38-2	arsenic	1
CAS: 7439-92-1	Lead Shot #8	2B
CAS: 7440-02-0	Nickel Metal	2B
CAS: 7782-49-2	selenium	3
· NTP (National T	Toxicology Program)	
CAS: 7440-43-9	cadmium Metal	K
CAS: 7440-41-7	beryllium	K
CAS: 7440-48-4	cobalt	R
CAS: 7440-38-2	arsenic	K
CAS: 7439-92-1	Lead Shot #8	R
CAS: 7440-02-0	Nickel Metal	R
	(Contd. on	nage 9)

(Contd. on page 9)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 8)

· OSHA-Ca (Occupational Safety & Health Administration)

CAS: 7440-43-9 cadmium Metal

CAS: 7440-38-2 arsenic

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 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

 ${\it Must not reach bodies of water or drainage ditch undiluted or unneutralized.}$

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

- · 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	-Nu	mber

· **DOT**, **IMDG**, **IATA** UN1760

· UN proper shipping name

• **DOT** Corrosive liquids, n.o.s. (Hydrochloric acid)

· IMDG, IATA CORROSIVE LIQUID, N.O.S. (HYDROCHLORIC ACID)

(Contd. on page 10)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 9) · Transport hazard class(es) $\cdot DOT$ · Class 8 Corrosive substances · Label · IMDG, IATA · Class 8 Corrosive substances · Label · Packing group · DOT, IMDG, IATA III· Environmental hazards: · Marine pollutant: No · Special precautions for user Warning: Corrosive substances · Danger code (Kemler): 80 · EMS Number: F-A,S-B· Segregation groups Acids · Stowage Category · 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: · Quantity limitations On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L \cdot *IMDG* · Limited quantities (LQ) 5L· Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml · UN "Model Regulation": UN 1760 CORROSIVE LIQUIDS, N.O.S. (HYDROCHLORIC ACID), 8, III

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml 86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 10)

	jormanon and environmental regulations/legislation specific for the substance or mixture
· Sara	
	remely hazardous substances):
CAS: 7697-37-2	
	Hydrofluoric Acid 49-51% Aqueous Solution
_	cific toxic chemical listings):
CAS: 7697-37-2	
	Hydrofluoric Acid 49-51% Aqueous Solution
CAS: 7440-43-9	
CAS: 7440-41-7	
CAS: 7440-48-4	
CAS: 7440-47-3	
CAS: 7440-38-2	
CAS: 7440-50-8	
CAS: 7439-92-1	
CAS: 7440-02-0	
CAS: 7439-96-5	
CAS: 7440-66-6	
CAS: 7440-28-0	thallium
CAS: 7440-36-0	Antimony Metal
CAS: 7782-49-2	selenium
CAS: 7440-62-2	vanadium
· TSCA (Toxic Su	bstances Control Act):
Hydrochloric Ac	id
Sodium Chloride	
Nitric Acid	
L-Tartaric Acid	
Hydrofluoric Aci	d 49-51% Aqueous Solution
Sodium Sulfate A	nhydrous
cadmium Metal	
beryllium	
strontium	
cobalt	
chromium	
Iron Metal	
arsenic	
copper	
Lead Shot #8	
Titanium Metal	
Nickel Metal	

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml 86.6 ug/ml Na₂SO₄Analytical Reference Std.

manganese		(Contd. of page
Zinc Metal		
thallium		
Molybdenum Me	etal 00 8%	
Magnesium	ш, 77.0 %	
Antimony Metal		
selenium		
Calcium Metal		
lithium		
vanadium		
Water		
	Century Act) (Substances not listed)	
Proposition 65	Century Act) (Substances not tistea)	
_	n to cause cancer:	
	cadmium Metal	
CAS: 7440-41-7		
CAS: 7440-48-4	I	
CAS: 7440-38-2	arsenic	
CAS: 7439-92-1	Lead Shot #8	
CAS: 7440-02-0	Nickel Metal	
Chemicals know	n to cause reproductive toxicity for females:	
None of the ingr		
Chemicals know	n to cause reproductive toxicity for males:	
CAS: 7440-43-9		
Chemicals know	n to cause developmental toxicity:	
	cadmium Metal	
Carcinogenic ca	_	
	ental Protection Agency) cadmium Metal	n,
	1	B1
CAS: 7440-41-7	· ·	B1, K/L(inh), CBD(or
CAS: 7440-47-3 CAS: 7440-38-2		A A
CAS: 7440-58-2		A D
CAS: 7440-30-8 CAS: 7439-96-5		D D
CAS: 7439-96-3		
CAS: 7440-00-0		D, I, II
		υ
	Limit Value established by ACGIH)	
	cadmium Metal	
	I	
CAS: 7440-41-7		
CAS: 7440-48-4		
	chromium	

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

		(Contd. of page 12)
CAS: 7440-02-0	Nickel Metal	A5
CAS: 7439-98-7	Molybdenum Metal, 99.8%	A3
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
CAS: 7440-43-9	cadmium Metal	
CAS: 7440-41-7	beryllium	
CAS: 7440-38-2	arsenic	
CAS: 7440-02-0	Nickel Metal	

- · 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:

Hydrochloric Acid

· Hazard statements

Causes severe skin burns and eye damage.

· Precautionary statements

Do not breathe dusts or mists.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

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.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

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

12-19-2017: review SDS for accuracy. STN

Revision 0.0 03-25-2015: Creation date for SDS. STN

12/19/2017 / -

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

(Contd. on page 14)

Printing date 12/19/2017 Reviewed on 12/19/2017

Trade name: Brine Method Low 0.5 ug/ml

86.6 ug/ml Na₂SO₄ Analytical Reference Std.

(Contd. of page 13)

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU) 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

Skin Corr. 1A: Skin corrosion/irritation – Category 1A Eye Dam. 1: Serious eye damage/eye irritation – Category 1

US