Printing date 08/19/2024

Reviewed on 08/19/2024

1 Identification

- · Product identifier
- Trade name: <u>NaOH 201 gpL, NaCl 102 gpL</u> NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln
- · Article number: AXI009
- · 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



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

Eye Damage 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*



- · Signal word Danger
- · Hazard-determining components of labeling:
- Sodium Hydroxide • Hazard statements
- Causas servera skin bum
- 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)

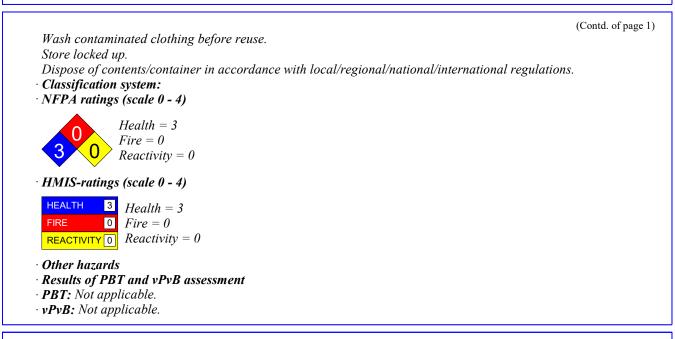


⁻ US

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln



3 Composition/information on ingredients

•	Chemical	charac	terization:	Mixtures
---	----------	--------	-------------	----------

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

· Dangerous components:		
CAS: 1310-73-2	Sodium Hydroxide	17.277%
0	ardous Ingredients	
CAS: 7732-18-5	Water	73.695%
	Sodium Chloride	8.767%
CAS: 7775-09-9	Sodium Chlorate	0.254%
CAS: 7758-05-6	Potassium Iodate	0.006%

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:*
- · Information for accior:
- 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 3)

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln

(Contd. of page 2)

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
- During heating or in case of fire poisonous gases are produced.
- Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ • PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m.	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. Dilute with plenty of water. 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 safe handling. See Section 13 for disposal information. Protective Action Criteria for ChemicalsPAC-1: CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 775-09-9Sodium Chlorate3.6 mg/m³CAS: 775-09-9Sodium Chlorate170 mg/m3CAS: 775-09-9Sodium Chlorate4.9 mg/m³PAC-3: CAS: 1310-73-2Sodium Hydroxide50 mg/m³CAS: 775-09-9Sodium Chlorate3.0 mg/m³CAS: 775-09-9Sodium Chlorate170 mg/m3CAS: 775-09-9Sodium Chlorate4.9 mg/m³CAS: 775-09-9Sodium Chlorate50 mg/m³CAS: 1310-73-2Sodium Chlorate3.0 mg/m³CAS: 775-09-9Sodium Chlorate50 mg/m³CAS: 775-09-9Sodium Chlorate3.0 mg/m³CAS: 775-09-9Sodium Chlorate3.0 mg/m³CAS: 775-09-9Sodium Chlorate3.0 mg/m³CAS: 775-09-9Sodium Chlorate3.0 mg/m³CA		tions, protective equipment and emergency procedures	
 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. Dilute with plenty of water. 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: 1310-73-2 Sodium Hydroxide CAS: 7775-09-9 Sodium Chlorate Sodium Hydroxide CAS: 1310-73-2 Sodium Hydroxide CAS: 1310-73-2 Sodium Hydroxide PAC-2: CAS: 1310-73-2 Sodium Hydroxide Sensing addiument Section Sensing addiument Section Pace-1: CAS: 1310-73-2 Sodium Hydroxide Sensing addiument Section Sensing addiument Section Section 13 for disposal Information Section 2 Sodium Chlorate Section 3 Sodium Hydroxide Section 3 Sodium Hydroxide Section 3 Sodium Hydroxide Section 3 Sodium Hydroxide Section 3 Sodium Chlorate <l< th=""><th>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. Dilute with plenty of water. 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 13 for disposal information. Protective Action Criteria for Chemicals PAC-1: CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m³ CAS: 1310-73-2 Sodium Chlorate 3.6 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 170 mg/m3 CAS: 1310-73-2 Sodium Chlorate 170 mg/m3 CAS: 775-09-9 Sodium Chlorate 4.9 mg/m³ CAS: 775-09-9 Sodium Chlorate 4.9 mg/m³ CAS: 775-09-9 Sodium Chlorate 170 mg/m3 CAS: 775-09-9 Sodium Chlorate 170 mg/m3 CAS: 775-09-9 Sodium Chlorate 4.9 mg/m³ CAS: 775-09-9</th><th></th><th></th><th></th></l<>	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. Dilute with plenty of water. 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 13 for disposal information. Protective Action Criteria for Chemicals PAC-1: CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m³ CAS: 1310-73-2 Sodium Chlorate 3.6 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 170 mg/m3 CAS: 1310-73-2 Sodium Chlorate 170 mg/m3 CAS: 775-09-9 Sodium Chlorate 4.9 mg/m³ CAS: 775-09-9 Sodium Chlorate 4.9 mg/m³ CAS: 775-09-9 Sodium Chlorate 170 mg/m3 CAS: 775-09-9 Sodium Chlorate 170 mg/m3 CAS: 775-09-9 Sodium Chlorate 4.9 mg/m³ CAS: 775-09-9			
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.Dilute with plenty of water.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 13 for disposal information.Protective Action Criteria for ChemicalsPAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Hydroxide0.45 mg/m³CAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 7775-09-9Sodium HydroxideCAS: 7775-09-9Sodium ChlorateSong/m³CAS: 7775-09-9Sodium ChlorateSodium ChlorateCAS: 7775-09-9Sodium ChlorateSodium ChlorateCAS: 775-09-9Sodium Chlora	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.Dilute with plenty of water.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 1 for information on safe handling. See Section 1 for disposal information.Protective Action Criteria for Chemicals• PAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate3.6 mg/m³CAS: 7775-09-9Sodium Chlorate5 mg/m³CAS: 7758-05-6Potassium Iodate170 mg/m3CAS: 7775-09-9Sodium Chlorate5 mg/m³CAS: 7775-09-9Sodium Chlorate5 mg/m³CAS: 7775-09-9Sodium Chlorate5 mg/m³CAS: 7775-09-9Sodium Chlorate4.9 mg/m³CAS: 7775-09-9Sodium Chlorate5 mg/m³CAS: 7775			
Inform respective authorities in case of seepage into water course or sewage system.Dilute with plenty of water.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 ChemicalsPAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 7775-09-9Sodium HydroxideCAS: 7775-09-9Sodium HydroxideCAS: 7775-09-9Sodium HydroxideCAS: 7775-09-9Sodium HydroxideCAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7775-09-9Sodium Chlorate170 mg/m3	Inform respective authorities in case of seepage into water course or sewage system.Dilute with plenty of water.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 13 for disposal information.Protective Action or presonal protection equipment. See Section 13 for disposal information.Protective Action Criteria for ChemicalsPAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium ChlorateCAS: 1310-73-2Sodium ChlorateCAS: 1310-73-2Sodium HydroxideSee Section 6PAC-2:CAS: 1310-73-2Sodium ChlorateCAS: 1310-73-2Sodium ChlorateCAS: 1310-73-2Sodium ChlorateCAS: 1310-73-2Sodium ChlorateAS: 7775-09-9Sodium ChlorateCAS: 1310-73-2Sodium ChlorateSodium ChlorateSo			
Dilute with plenty of water.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 13 for disposal information. Protective Action Criteria for ChemicalsPAC-1: CAS: 1310-73-2CAS: 7775-09-9Sodium Hydroxide0.5 mg/m³CAS: 1310-73-2Sodium Hydroxide0.45 mg/m³CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Hydroxide10 mg/m3CAS: 1310-73-3Sodium Hydroxide10 mg/m3CAS: 1310-73-4Sodium Chlorate10 mg/m3CAS: 7775-09-9Sodium Chlorate10 mg/m3CAS: 7775-09-9Sodium Chlorate10 mg/m3CAS:	Dilute with plenty of water. Do not allow to enter severs/ 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 ChemicalsPAC-1: CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate0.45 mg/m³CAS: 7758-05-6Potassium Iodate5 mg/m³CAS: 7775-09-9Sodium Hydroxide170 mg/m³CAS: 7775-09-9Sodium Chlorate4.9 mg/m³CAS: 7775-09-9Sodium Hydroxide4.9 mg/m³CAS: 7775-09-9Sodium Hydroxide50 mg/m³CAS: 7775-09-9Sodium Chlorate310 mg/m³CAS: 7775-09-9Sodium Chlorate310 mg/m³	1		
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 13 for disposal information. Protective Action Criteria for Chemicals• PAC-1: CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate3.6 mg/m³CAS: 1310-73-2Sodium Hydroxide0.45 mg/m³CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Hydroxide170 mg/m³	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 or disposal information. Protective Action Criteria for ChemicalsPAC-1: CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7758-05-6Potassium Iodate0.45 mg/m³CAS: 7758-05-6Potassium Iodate5 mg/m³CAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7775-05-6Potassium Iodate5 mg/m³CAS: 7775-09-9Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7775-09-9Sodium Chlorate310 mg/m³			
 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: 1310-73-2 Sodium Hydroxide CAS: 7775-09-9 Sodium Chlorate Distore CAS: 1310-73-2 Sodium Hydroxide CAS: 1310-73-2 Sodium Hydroxide Distore CAS: 1310-73-2 Sodium Hydroxide CAS: 1310-73-2 Sodium Hydroxide CAS: 1310-73-2 Sodium Hydroxide CAS: 1310-73-2 Sodium Hydroxide 	 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: 1310-73-2 Sodium Hydroxide CAS: 7775-09-9 Sodium Chlorate Sodium Hydroxide CAS: 7775-09-9 Sodium Hydroxide CAS: 7775-09-9 Sodium Chlorate Sodium Chlorate Seginum Chlorate<			
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••CAS: 1310-73-2Sodium Hydroxide0.45 mg/m³CAS: 7775-09-9Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 1310-73-2Sodium Chlorate5 mg/m³CAS: 1310-73-2Sodium Hydroxide13 for disposal information14 for the section	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 13 for disposal information. Protective Action Criteria for ChemicalsPAC-1: CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium ChlorateSolium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium Chlorate5 mg/m³CAS: 7775-09-9Sodium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium HydroxideCAS: 7775-09-9Sodium HydroxideCAS: 7775-09-9Sodium HydroxideCAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7775-09-9Sodium Chlorate50 mg/m³CAS: 7775-09-9Sodium Chlorate50 mg/m³CAS: 1310-73-2Sodium HydroxideSe: 7775-09-9Sodium HydroxideSodium HydroxideCAS: 1310-73-2Sodium HydroxideSo mg/m³CAS: 7775-09-9Sodium ChlorateSolium HydroxideSo mg/m³CAS: 7775-09-9Sodium ChlorateSolium HydroxideSolium ChlorateSolium Chlor			
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 CAS: 1310-73-2 Sodium Hydroxide CAS: 7775-09-9 Sodium Chlorate O.5 mg/m³ CAS: 7758-05-6 Potassium Iodate PAC-2: CAS: 1310-73-2 Sodium Hydroxide CAS: 1310-73-2 Sodium Hydroxide Seminal content of the section of	Use neutralizing agent.Dispose contaminated material as waste according to section 13.Ensure adequate ventilation.Reference to other sectionsSee 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: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate3.6 mg/m³CAS: 1310-73-2Sodium Hydroxide0.45 mg/m³CAS: 1310-73-2Sodium Chlorate5 mg/m³CAS: 7775-09-9Sodium Chlorate10 mg/m3CAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7758-05-6Potassium Iodate4.9 mg/m³• PAC-3:CAS: 1310-73-2Sodium HydroxideSodium Chlorate10 mg/m³• PAC-3:CAS: 1310-73-2Sodium HydroxideSodium Chlorate10 mg/m³• PAC-3:CAS: 1310-73-2Sodium HydroxideSolium HydroxideSolium Solium Chlorate13 mg/m³• PAC-3:CAS: 1310-73-2Sodium ChlorateSolium ChlorateSolium ChlorateSolium ChlorateSolium ChlorateSolium ChlorateSolium ChlorateSolium ChlorateSolium ChlorateSolium ChlorateSo			
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: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7758-05-6Potassium Iodate· PAC-2:CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Chlorate5 mg/m³CAS: 7775-09-9Sodium Chlorate170 mg/m.	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 ChemicalsPAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7758-05-6Potassium Iodate0.45 mg/m³CAS: 1310-73-2Sodium HydroxideSodium Chlorate5 mg/m³CAS: 1310-73-2Sodium HydroxideCAS: 7758-05-6Potassium IodatePAC-3:2CAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium HydroxideSolium Hydroxide50 mg/m³CAS: 1310-73-2Sodium HydroxideSolium Hydroxide50 mg/m³CAS: 1310-73-2Sodium HydroxideSolium Hydroxide50 mg/m³CAS: 1310-73-2Sodium ChlorateSolium Hydroxide50 mg/m³CAS: 1310-73-2Sodium ChlorateSolium Hydroxide50 mg/m³CAS: 7775-09-9Sodium ChlorateSolium Chlorate310 mg/m³			
Ensure adequate ventilation.Reference to other sectionsSee 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: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate· PAC-2:CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Hydroxide170 mg/m³	Ensure adequate ventilation.Reference to other sectionsSee Section 7 for information on personal protection equipment.See Section 13 for disposal information.Protective Action Criteria for ChemicalsPAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate3.6 mg/m³CAS: 7758-05-6Potassium Iodate0.45 mg/m³CAS: 7775-09-9Sodium Hydroxide5 mg/m³CAS: 7758-05-6Potassium Iodate170 mg/m3CAS: 7758-05-6Potassium Iodate4.9 mg/m³CAS: 7758-05-6Potassium Iodate5 mg/m³CAS: 7758-05-6Potassium Iodate5 mg/m³CAS: 7758-05-7Sodium Hydroxide5 mg/m³CAS: 7758-05-8Potassium Iodate4.9 mg/m³CAS: 7758-05-9Sodium Hydroxide50 mg/m³CAS: 1310-73-2Sodium Hydroxide50 mg/m³CAS: 7775-09-9Sodium Chlorate1310 mg/m³CAS: 7775-09-9Sodium Chlorate50 mg/m³CAS: 7775-09-9Sodium Chlorate50 mg/m³CAS: 7775-09-9Sodium Chlorate510 mg/m³CAS: 7775-09-9Sodium Chlorate510 mg/m³CAS: 7775-09-9Sodium Chlorate510 mg/m³CAS: 7775-09-9Sodiu			
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 ChemicalsPAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate0.45 mg/mPAC-2:CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Chlorate170 mg/m.	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 ChemicalsPAC-1:CAS: 1310-73-2Sodium HydroxideCAS: 7775-09-9Sodium Chlorate0.45 mg/m³CAS: 7758-05-6Potassium Iodate0.45 mg/m³CAS: 7775-09-9Sodium Hydroxide10 mg/m³CAS: 7758-05-6Potassium Iodate11 mg/m³CAS: 7758-05-6Potassium Iodate12 mg/m³CAS: 7775-09-9Sodium Hydroxide12 mg/m³CAS: 7758-05-6Potassium Iodate12 mg/m³CAS: 7775-09-9Sodium Chlorate12 mg/m³CAS: 7775-09-9Sodium Hydroxide13 mg/m³CAS: 7775-09-9Sodium Hydroxide13 mg/m³CAS: 1310-73-2Sodium HydroxideSo mg/m³CAS: 1310-73-2Sodium Chlorate13 mg/m³CAS: 7775-09-9Sodium ChlorateSo 0 mg/m³CAS: 7775-09-9Sodium ChlorateSolium Chlorate<			
See Section 8 for information on personal protection equipment. See Section 13 for disposal information. • Protective Action Criteria for Chemicals• PAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium Chlorate0.45 mg/m• PAC-2:CAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Hydroxide170 mg/m.	See Section 8 for information on personal protection equipment. See Section 13 for disposal information. Protective Action Criteria for ChemicalsPAC-1:0.5 mg/m³CAS: 1310-73-2 CAS: 7775-09-9 Sodium Chlorate3.6 mg/m³CAS: 7775-09-9 CAS: 7758-05-60.45 mg/m³CAS: 7758-05-6 Potassium Iodate0.45 mg/m³· PAC-2:5 mg/m³CAS: 7775-09-9 Sodium Chlorate5 mg/m³CAS: 7775-09-9 Sodium Hydroxide5 mg/m³CAS: 7775-09-9 Sodium Chlorate5 mg/m³CAS: 7775-09-9 Sodium Chlorate5 mg/m³CAS: 7758-05-6 Potassium Iodate4.9 mg/m³· 			
See Section 13 for disposal information.Protective Action Criteria for ChemicalsPAC-1:CAS: 1310-73-2Sodium HydroxideCAS: 7775-09-9Sodium ChlorateCAS: 7758-05-6Potassium Iodate0.45 mg/m· PAC-2:CAS: 1310-73-2Sodium HydroxideCAS: 1310-73-2Sodium Hydroxide5 mg/m³CAS: 7775-09-9Sodium Chlorate170 mg/m.	See Section 13 for disposal information.Protective Action Criteria for ChemicalsPAC-1:CAS: 1310-73-2Sodium Hydroxide0.5 mg/m³CAS: 7775-09-9Sodium ChlorateCAS: 7758-05-6Potassium Iodate0.45 mg/m³CAS: 1310-73-2Sodium HydroxideSodium ChlorateCAS: 1310-73-2Sodium ChlorateCAS: 7775-09-9Sodium ChlorateCAS: 7775-09-9Sodium ChlorateCAS: 7775-09-9Sodium Chlorate170 mg/m3CAS: 7758-05-6Potassium Iodate4.9 mg/m³·PAC-3:CAS: 1310-73-2Sodium HydroxideSodium HydroxideSodium ChlorateCAS: 1310-73-2Sodium HydroxideSolium HydroxideSolium HydroxideSolium HydroxideSolium ChlorateSolium ChlorateSolium ChlorateSolium HydroxideSolium ChlorateSolium	See Section 7 for	information on safe handling.	
• Protective Action Criteria for Chemicals • PAC-1: • CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m ³ • CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m ³ • CAS: 7758-05-6 Potassium Iodate 0.45 mg/m • PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m ³ • CAS: 7775-09-9 Sodium Hydroxide 170 mg/m.	• Protective Action Criteria for Chemicals • PAC-1: CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ • PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 1310-73-2 Sodium Chlorate 170 mg/m³ CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ CAS: 7758-05-6 Potassium Iodate 50 mg/m³ CAS: 7758-05-6 Sodium Chlorate 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 310 mg/m³			
• PAC-1: 0.5 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ • PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m.	PAC-1: 0.5 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7758-05-6 Potassium Iodate 170 mg/m3 CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ CAS: 7758-05-6 Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 310 mg/m³	See Section 13 fo	r disposal information.	
CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ · PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 170 mg/m.	CAS: 1310-73-2 Sodium Hydroxide 0.5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ · PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m³ CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ CAS: 7758-05-6 Potassium Iodate 50 mg/m³ · PAC-3: Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 310 mg/m³	• Protective Action	1 Criteria for Chemicals	
CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ · PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m.	CAS: 7775-09-9 Sodium Chlorate 3.6 mg/m³ CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ • PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m3 CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ · PAC-3: CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ · CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ · CAS: 1310-73-2 Sodium Hydroxide 310 mg/m³			
CAS: 7758-05-6 Potassium Iodate 0.45 mg/m • PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m ³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m.	CAS: 7758-05-6 Potassium Iodate 0.45 mg/m³ · PAC-2:			•
• PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m.	· PAC-2: CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m3 CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ · PAC-3: CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 7775-09-9 Sodium Chlorate 310 mg/m3			
CAS: 1310-73-2 Sodium Hydroxide 5 mg/m ³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m.	CAS: 1310-73-2 Sodium Hydroxide 5 mg/m³ CAS: 7775-09-9 Sodium Chlorate 170 mg/m3 CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ • PAC-3: CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 7775-09-9 Sodium Chlorate 310 mg/m3	CAS: 7758-05-6	Potassium Iodate	0.45 mg/m ³
CAS: 7775-09-9 Sodium Chlorate 170 mg/m.	CAS: 7775-09-9 Sodium Chlorate 170 mg/m3 CAS: 7758-05-6 Potassium Iodate 4.9 mg/m³ • PAC-3: CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 7775-09-9 Sodium Chlorate 310 mg/m3	· PAC-2:		
	CAS: 7758-05-6 Potassium Iodate 4.9 mg/m ³ · PAC-3: CAS: 1310-73-2 Sodium Hydroxide 50 mg/m ³ CAS: 7775-09-9 Sodium Chlorate 310 mg/m ³			5 mg/m ³
	· PAC-3: 50 mg/m³ CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 7775-09-9 Sodium Chlorate 310 mg/m3	CAS: 7775-09-9	Sodium Chlorate	170 mg/m3
CAS: $//58-05-6$ Potassium Iodate 4.9 mg/m ³	CAS: 1310-73-2 Sodium Hydroxide 50 mg/m³ CAS: 7775-09-9 Sodium Chlorate 310 mg/m3	CAS: 7758-05-6	Potassium Iodate	4.9 mg/m ³
• PAC-3:	CAS: 7775-09-9 Sodium Chlorate 310 mg/m3	· PAC-3:		
CAS: 1310-73-2 Sodium Hydroxide 50 mg/m ³		CAS: 1310-73-2	Sodium Hydroxide	50 mg/m³
CAS: 7775-09-9 Sodium Chlorate 310 mg/m.	C4S: 7758-05-6 Potassium Iodate 20 ma/m ³	CAS: 7775-09-9	Sodium Chlorate	310 mg/m3
	CA5. //50-05-0 1 offussium founce 22 mg/m	CAS: 7758-05-6	Potassium Iodate	29 mg/m³

7 Handling and storage

· Handling:

- · Precautions for safe handling
- Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

(Contd. on page 4)

US

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln

(Contd. of page 3)

• Information about protection against explosions and fires: Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

· Storage:

• Requirements to be met by storerooms and receptacles: No special requirements.

· Information about storage in one common storage facility: Not required.

• Further information about storage conditions: Keep receptacle tightly sealed.

• 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:

CAS: 1310-73-2 Sodium Hydroxide

PEL Long-term value: 2 mg/m³

REL Ceiling limit value: 2 mg/m³

TLV Ceiling limit value: 2 mg/m³

• 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:

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.

(Contd. on page 5)

US

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO3 2.96 gpL, NaOCl 75 ppm Soln

(Contd. of page 4)

• Eye protection:



Tightly sealed goggles

· Body protection: Protective work clothing

Information on basic physical and a	chemical properties	
General Information		
Appearance:	T · · · 1	
Form:	Liquid	
Color: Odor:	Clear Odorless	
Odor threshold:	Not determined.	
pH-value at 20 °C (68 °F):	>12	
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.	
Decomposition temperature:	Not determined.	
Ignition temperature:	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):	1.1634 g/cm³ (9.70857 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	er): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Water:	73.7%	
VOC content:	0.00 % 0.0 g/l / 0.00 lb/gal	

(Contd. of page 5)

Safety Data Sheet acc. to OSHA HCS

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln

Solids content:

26.3 %

• 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 11,576 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)

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.

12 Ecological information

- · Toxicity
- Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.

(Contd. on page 7)

US

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln

(Contd. of page 6)

- · 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. 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 increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, 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.
- · Recommended cleansing agent: Water, if necessary with cleansing agents.

· UN-Number · DOT, IMDG, IATA	UN1760
· UN proper shipping name	
· DOT	Corrosive liquids, n.o.s. (Sodium Hydroxide)
· IMDG, IATA	CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide)
· Transport hazard class(es)	
DOT	
CORROSIVE B	9 Company to tampage
· Class	8 Corrosive substances
·Label	8
· IMDG, IATA	
· Class	8 Corrosive substances

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO3 2.96 gpL, NaOCl 75 ppm Soln

	(Contd. of page 2
Label	8
Packing group	
DOT, IMDG, IATA	II
Environmental hazards:	Not applicable.
Special precautions for user	Warning: Corrosive substances
Hazard identification number (Kemler code)	: 80
EMS Number:	F-A,S-B
Segregation groups	(SGG18) Alkalis, (SGG4) chlorates
Stowage Category	В
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: 1 L
2 .	On cargo aircraft only: 30 L
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (\widetilde{EQ})	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1760 CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE), 8, 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):	
None of the ingredients is listed.	
Section 313 (Specific toxic chemical listings):	
None of the ingredients is listed.	
TSCA (Toxic Substances Control Act):	
Water	ACTIV
Sodium Hydroxide	ACTIV
Sodium Chloride	ACTIV
Sodium Chlorate	ACTIV
Potassium Iodate	ACTIV
Hazardous Air Pollutants	
None of the ingredients is listed.	
	(Contd. on page

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln

(Contd. of page 8)

· Proposition 65

• Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

• Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental 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: Sodium Hydroxide · 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.

(Contd. on page 10)

Printing date 08/19/2024

Reviewed on 08/19/2024

Trade name: NaOH 201 gpL, NaCl 102 gpL NaClO₃ 2.96 gpL, NaOCl 75 ppm Soln

(Contd. of page 9)

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 08/19/2024 / 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 NUOSH: National Institute for Occumational Sefery

NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit Skin Corrosion 1A: Skin corrosion/irritation – Category 1A Eye Damage 1: Serious eye damage/eye irritation – Category 1 • * Data compared to the previous version altered.

- US -