

MOEL's Public Notice No. 2016-19 (Standards for Classification and Labeling of Chemical Substances and Safety Data Sheets)

WAI4 - KGHS - KOREAN

Issue Date 05-Sep-2019

Revision Date 05-Sep-2019

Revision Number 1

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name Ammonia pH - Adjusting ISA

Product No 951211

Pure substance/mixture Mixture

Contains Sodium Hydroxide

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Use as laboratory reagent

Uses advised against No Information available

Supplier

Fisher Scientific Korea D5,D6, Incheon Airport Logistics Complex 150, Gonghangdong-Ro Mapo-Gu 296 Beon-Gil Jung-Gu, Incheon 400-340 Tel: +82-2-6196-5500 Fax: +82-2-6196-5501	Thermo Fisher Scientific© Water and Lab Products 22 Alpha Road Chelmsford, MA 01824, USA 1-978-232-6000
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E-mail address

Chem.KR@thermofisher.com info.water@thermo.com

Emergency Telephone Number

Emergency telephone: Medical: +(82) 070-7686-0086 or + 1-703-741-5970
CHEMTREC: 1-800-424-9300 or + 1-703-527-3887
Korea: 00-308-13-2549 (24 hours a day, 7 days a week)

Made in USA

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Physical hazards

Substances/mixtures corrosive to metal

Category 1

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Health hazards

Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Specific target organ toxicity - (single exposure)

Category 1
Category 1
Category 2

Environmental hazards

Based on available data, the classification criteria are not met

Label Elements



Signal Word

Danger

Hazard Statements

H290 - May be corrosive to metals
H371 - May cause damage to organs
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage

Precautionary Statements

Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection
P234 - Keep only in original container
P260 - Do not breathe dust/fume/gas/mist/vapors/spray

Response

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower
P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/ physician
P363 - Wash contaminated clothing before reuse
P390 - Absorb spillage to prevent material damage
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician
P331 - Do NOT induce vomiting
P321 - Specific treatment (see supplemental first aid instructions on this label)
P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor
P309 + P311 - If exposed or if you feel unwell: Call a POISON CENTER or doctor/ physician

Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P406 - Store in corrosive resistant polypropylene container with a resistant inliner
P405 - Store locked up

Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

Other Hazards

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NFPA

Health
3

Flammability
0

Instability
0

Physical hazards
N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Component	Common Name	CAS-No	Index No.	Weight %
Water	No information available	7732-18-5	KE-35400	70 - 80
Sodium Hydroxide	No information available	1310-73-2	KE-31487	>=10 - 20
Disodium EDTA	No information available	6381-92-6	Not listed	1.5 - 2
Thymolphthalein	No information available	125-20-2	KE-03217	0.5 - 1
Methanol	No information available	67-56-1	KE-23193	0.5 - 1

SECTION 4: FIRST AID MEASURES

First aid measures

General Advice

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. Call a physician immediately.

Inhalation

If not breathing, give artificial respiration. Remove from exposure, lie down. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician immediately.

Ingestion

Do not induce vomiting. Clean mouth with water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Self-Protection of the First Aider

Use personal protective equipment. See section 8 for more information. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Most important symptoms and effects, both acute and delayed

Most important symptoms and effects

Causes burns by all exposure routes

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

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CO₂, dry chemical, dry sand, alcohol-resistant foam.

Unsuitable Extinguishing Media

No information available

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. The product causes burns of eyes, skin and mucous membranes.

Explosion Data

Sensitivity to Mechanical Impact None

Sensitivity to Static Discharge None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Ensure adequate ventilation. Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions Should not be released into the environment. See Section 12 for additional ecological information.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Handling Wear personal protective equipment
Do not get in eyes, on skin, or on clothing
Use only under a chemical fume hood
Do not breathe vapors or spray mist
Do not ingest

Conditions for Safe Storage, Including any Incompatibilities

Storage Corrosives area
Keep containers tightly closed in a dry, cool and well-ventilated place

Incompatible Products No information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Component	CAS-No	Korea	ACGIH TLV	OSHA PEL
Water	7732-18-5	Not listed	Not listed	Not listed
Sodium Hydroxide	1310-73-2	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³	(Vacated) Ceiling: 2 mg/m ³ TWA: 2 mg/m ³
Disodium EDTA	6381-92-6	Not listed	Not listed	Not listed
Thymolphthalein	125-20-2	Not listed	Not listed	Not listed
Methanol	67-56-1	STEL: 250 ppm TWA: 200 ppm Skin	TWA: 200 ppm STEL: 250 ppm Skin	(Vacated) TWA: 200 ppm (Vacated) TWA: 260 mg/m ³ (Vacated) STEL: 250 ppm

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			(Vacated) STEL: 325 mg/m ³ Skin TWA: 200 ppm TWA: 260 mg/m ³
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Component	CAS-No	European Union	The United Kingdom	Germany
Water	7732-18-5	Not listed	Not listed	Not listed
Sodium Hydroxide	1310-73-2	Not listed	STEL: 2 mg/m ³ 15 min	Not listed
Disodium EDTA	6381-92-6	Not listed	Not listed	Not listed
Thymolphthalein	125-20-2	Not listed	Not listed	Not listed
Methanol	67-56-1	TWA: 200 ppm (8hr) TWA: 260 mg/m ³ (8hr) Skin	STEL: 250 ppm 15 min STEL: 333 mg/m ³ 15 min TWA: 200 ppm 8 hr TWA: 266 mg/m ³ 8 hr Skin	TWA: 200 ppm (8 Stunden). AGW - exposure factor 4 TWA: 270 mg/m ³ (8 Stunden). AGW - exposure factor 4 TWA: 100 ppm (8 Stunden). MAK TWA: 130 mg/m ³ (8 Stunden). MAK Höhepunkt: 200 ppm Höhepunkt: 260 mg/m ³ Haut

Biological Exposure Indices

Component	CAS-No	Biological Exposure Indices
Water	7732-18-5	Not listed
Sodium Hydroxide	1310-73-2	Not listed
Disodium EDTA	6381-92-6	Not listed
Thymolphthalein	125-20-2	Not listed
Methanol	67-56-1	15 mg/L Medium: urine Time: end of shift Determinant: Methanol

Appropriate engineering controls

Engineering Measures Ensure that eyewash stations and safety showers are close to the workstation location

Individual protection measures, such as personal protective equipment

Personal protective equipment Use only those certified by the Korea Occupational Safety and Health Administration.

Eye/face Protection Wear chemical splash goggles and face shield. If splashes are likely to occur, wear:
Face-shield.

Skin and Body Protection Wear protective gloves/clothing.

Respiratory Protection None under normal use conditions. In case of inadequate ventilation wear respiratory protection.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls No information available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid
Appearance Dark blue
Odor weak odor from raw material of alcohol
Odor Threshold No information available

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pH 13.5
PH Range No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point (High in °C)	104.0 °C / 219.2 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor Density	1.1 (Methanol)	
Specific Gravity	No information available	
Water Solubility	soluble	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition Temperature	-	
Decomposition Temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

Other Information

Softening Point No information available
Molecular Weight No information available
VOC Content(%) 1
Density No Information available
Bulk Density No information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No Information available

Chemical Stability

Stable under normal conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

No information available

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

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Inhalation	Not an expected route of exposure.
Ingestion	May be harmful if swallowed.
Eyes	Avoid contact with eyes. Corrosive to the eyes and may cause severe damage including blindness.
Skin	Avoid contact with skin. Causes burns. Skin corrosion/irritation.

Information on Toxicological Effects

Symptoms Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

(b) skin corrosion/irritation; Sensitization	Category 1. A. No information available
Mutagenic Effects	No information available
Carcinogenicity	No information available.
Reproductive Effects	No information available
STOT - single exposure	No information available
STOT - repeated exposure Target Organs	No information available None known.
Aspiration hazard	No information available

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	10000 mg/kg
ATEmix (dermal)	5510 mg/kg
ATEmix (inhalation-gas)	3181981 mg/L
ATEmix (inhalation-dust/mist)	50.1 mg/L
ATEmix (inhalation-vapor)	4169.8 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

3% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Component	Freshwater Algae	Freshwater Fish	Water Flea
Sodium Hydroxide 1310-73-2	-	LC50: = 45.4 mg/L, 96h static (Oncorhynchus mykiss)	-
Methanol 67-56-1	-	LC50: 19500 - 20700 mg/L, 96h flow-through (Oncorhynchus mykiss) LC50: = 28200 mg/L, 96h flow-through (Pimephales promelas) LC50: > 100 mg/L, 96h static (Pimephales promelas) LC50: 18 - 20 mL/L, 96h static (Oncorhynchus mykiss) LC50: 13500 - 17600 mg/L, 96h flow-through (Lepomis macrochirus)	-

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Persistence and Degradability

Bioaccumulation/ Accumulation

No information available

Mobility

Will likely be mobile in the environment due to its water solubility.

Component	log Pow
Methanol 67-56-1	-0.77

Other adverse effects

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Dispose of this container to hazardous or special waste collection point.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport

UN-No UN1824
Proper Shipping Name SODIUM HYDROXIDE SOLUTION
Hazard Class 8
Packing Group III

IATA

UN-No UN1824
Proper Shipping Name SODIUM HYDROXIDE SOLUTION
Hazard Class 8
Packing Group III

IMDG/IMO

UN-No UN1824
Proper Shipping Name SODIUM HYDROXIDE SOLUTION
Hazard Class 8
Packing Group III
Marine Pollutant Not Applicable

Special Precautions for User

No special precautions required

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Legend: X - Listed '-' - Not Listed

International Inventories

Component	CAS-No	KECL	TSCA	EINECS	IECSC	DSL	NDSL	PICCS	ENCS	AICS
Water	7732-18-5	KE-35400	X	231-791-2	X	X	-	X	-	X
Sodium Hydroxide	1310-73-2	KE-31487	X	215-185-5	X	X	-	X	X	X
Disodium EDTA	6381-92-6	KE-13660	-	-	X	X	-	X	-	X
Thymolphthalein	125-20-2	KE-03217	X	204-729-7	X	X	-	X	-	X
Methanol	67-56-1	KE-23193	X	200-659-6	X	X	-	X	X	X

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Component	CAS-No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Water	7732-18-5	Not applicable	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	Not applicable	Not applicable	Annex I - Y35
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	500 tonne	5000 tonne	Not applicable	Not applicable

Component	CAS-No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential
Water	7732-18-5	Listed	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Listed	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Listed	Not applicable	Not applicable

Korean National Regulations

Component	CAS-No	Act on Registration and Evaluation of Chemical Substances (K-REACH)	Authorised Chemicals	Existing Substances Subject to Registration
Water	7732-18-5	Annex 1 - KE-35400 Exempt (Index No. 25)	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Annex 1 - KE-31487	Not applicable	Listed
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Annex 1 - KE-03217	Not applicable	Not applicable
Methanol	67-56-1	Annex 1 - KE-23193	Not applicable	Listed

Component	CAS-No	Chemical Control Act - Toxic Chemicals	Chemical Control Act - Prohibited Chemicals	Chemical Control Act - Use Restricted Chemicals
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	97-1-136 (>5%)	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	97-1-80 (>85%)	Not applicable	Not applicable

Component	CAS-No	Chemical Control Act - Accident Precaution Chemicals (% in mixtures)	Chemical Control Act - Accident Precaution Chemicals - Quantity limits Storage (% in mixtures)	Chemical Control Act - Accident Precaution Chemicals - Quantity limits Manufacture/Use (% in mixtures)
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	>85%	200000 kg/yr	1500000 kg/yr

Component	CAS-No	Waste Control Law	Ministry of Environment - CMR risk	Ministry of Environment - Critically Controlled Substance
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Not applicable	Not applicable	Not applicable

Component	CAS-No	ISHA - Harmful Agents Subject to Work	ISHA - Prohibited substances	ISHA - Substances requiring permission
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Not applicable	Not applicable	Not applicable

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		Environment Monitoring		
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Listed	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Listed	Not applicable	Not applicable

Component	CAS-No	ISHA - Substances subject to control	ISHA - Harmful Agents Requiring Health Examination	ISHA - Permissible Exposure Limits
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Listed	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Listed	Listed	Not applicable

Component	CAS-No	ISHA - Subject to Process Safety Reports (minimum quantity)	ISHA - Threshold Limit Values (TLVs) Chemicals	ISHA - Special management materials
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	Ceiling: 2 mg/m ³	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Not applicable	STEL: 250 ppm TWA: 200 ppm Skin	Not applicable

National Fire Association - Dangerous Substances Minimum quantity requiring a permit

Component	CAS-No	Class 1 - Oxidising solids	Class 2 - Flammable solid	Class 3 - Spontaneously Combustible Substances and Dangerous Substances When Wet	Class 4 - Flammable liquids	Class 5 - Self-reactive substances	Class 6 - Oxidising liquids
Water	7732-18-5	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Not applicable	Not applicable	Not applicable	3. Alcohol 400 L	Not applicable	Not applicable

Control Parameters

Component	CAS-No	Korea	Biological Exposure Indices
Water	7732-18-5	Not listed	Not listed
Sodium Hydroxide	1310-73-2	Ceiling: 2 mg/m ³	Not listed
Disodium EDTA	6381-92-6	Not listed	Not listed
Thymolphthalein	125-20-2	Not listed	Not listed
Methanol	67-56-1	STEL: 250 ppm TWA: 200 ppm Skin	15 mg/L Medium: urine Time: end of shift Determinant: Methanol

US Management Information

OSHA - Occupational Safety and Health Administration

Not applicable

Component	CAS-No	Specifically Regulated Chemicals	Highly Hazardous Chemicals
Water	7732-18-5	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable

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Thymolphthalein	125-20-2	Not applicable	Not applicable
Methanol	67-56-1	Not applicable	Not applicable

CERCLA This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	CAS-No	CERCLA EHS RQs	Hazardous Substances RQs	SARA 313 - Threshold Values %
Water	7732-18-5	Not applicable	Not applicable	Not applicable
Sodium Hydroxide	1310-73-2	Not applicable	1000 lb	Not applicable
Disodium EDTA	6381-92-6	Not applicable	Not applicable	Not applicable
Thymolphthalein	125-20-2	Not applicable	Not applicable	Not applicable
Methanol	67-56-1	Not applicable	5000 lb	1.0

CLP Classification - Regulation (EC) No 1272/2008

Danger.

H314 - Causes severe skin burns and eye damage. H371 - May cause damage to organs.

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/ physician. P308 + P313 - IF exposed or concerned: Get medical advice/ attention.

SECTION 16: OTHER INFORMATION

Prepared By Regulatory Affairs
Prepared For Thermo Fisher Scientific Inc.©
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Reason for revision Initial Release.

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Disclaimer

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End of Safety Data Sheet