

Manufactured by Winechek Pty Ltd



Vintessential Sodium Hydroxide 0.333M

Winechek

Chemwatch: 5158-58 Version No: 5.1

Safety Data Sheet according to Work Health and Safety Regulations (Hazardous Chemicals) 2023 and ADG requirements

SECTION 1 Identification of the substance / mixture and of the company / undertaking

Product Identifier

Product name	Vintessential Sodium Hydroxide 0.333M
Chemical Name	Not Applicable
Synonyms	Sodium Hydroxide 0.333 Normal; Sodium Hydroxide 0.333 Molar
Proper shipping name	SODIUM HYDROXIDE SOLUTION
Chemical formula	Not Applicable
Other means of identification	Not Available

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

Relevant identified uses	Laboratory chemical.

Details of the manufacturer or supplier of the safety data sheet

Registered company name	Winechek
Address	10 Kalimna Road, Nuriootpa SA 5355 Australia
Telephone	+61 8 8360 2200
Fax	Not Available
Website	Not Available
Email	support@winechek.com

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 11 26
Other emergency telephone numbers	Not Available

SECTION 2 Hazards identification

Classification of the substance or mixture

P234

Keep only in original packaging.

Poisons Schedule	S5
Classification ^[1]	Corrosive to Metals Category 1, Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2A
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI

Label elements

Hazard pictogram(s)	
Signal word	Warning
Hazard statement(s)	
H290	May be corrosive to metals.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
Precautionary statement(s) Pre	vention

Chemwatch Hazard Alert Code: 2

Issue Date: **08/20/2021** Print Date: **05/20/2024** L.GHS.AUS.EN.E

P280	Wear protective gloves, protective clothing, eye protection and face protection.
P264	Wash all exposed external body areas thoroughly after handling.
Precautionary statement(s) Res	sponse
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P390	Absorb spillage to prevent material damage.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

Precautionary statement(s) Storage

Not Applicable

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Precautionary statement(s) Disposal
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Not Applicable

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
1310-73-2	1.3	sodium hydroxide
7732-18-5	98.7	water
Legend:	 Classified by Chemwatch; 2. Classification drawn from Classification drawn from C&L * EU IOELVs available 	n HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4.

SECTION 4 First aid measures

Description of first aid measures

Description of first ald measur	
Eye Contact	 If this product comes in contact with the eyes: Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	 If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation	 If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor.
Ingestion	 For advice, contact a Poisons Information Centre or a doctor at once. Urgent hospital treatment is likely to be needed. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Transport to hospital or doctor without delay.

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media

- Water spray or fog.
- Foam.
- Dry chemical powder.
 BCF (where regulations permit).

Carbon dioxide.

Special hazards arising from the substrate or mixture

Reacts with aluminium / zinc producing flammable, explosive hydrogen gas

Advice for firefighters

Fire Fighting

Fire Incompatibility

Alert Fire Brigade and tell them location and nature of hazard.

Wear full body protective clothing with breathing apparatus.

	 Prevent, by any means available, spillage from entering drains or water course. Use fire fighting procedures suitable for surrounding area. Do not approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	 Non combustible. Not considered to be a significant fire risk. Expansion or decomposition on heating may lead to violent rupture of containers. Decomposes on heating and may produce toxic/ irritating fumes. May emit acrid smoke.
HAZCHEM	2R

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	 Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.
Major Spills	 Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Neutralise/decontaminate residue (see Section 13 for specific agent). Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. If contamination of drains or waterways occurs, advise emergency services.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

Safe handling	 Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained. DO NOT allow clothing wet with material to stay in contact with skin
Other information	 Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

Suitable container	 Glass container is suitable for laboratory quantities Lined metal can, lined metal pail/ can. Plastic pail. Polyliner drum. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
Storage incompatibility	Avoid strong acids, acid chlorides, acid anhydrides and chloroformates.

SECTION 8 Exposure controls / personal protection

Control parameters

- Occupational Exposure Limits (OEL)
- INGREDIENT DATA

Source	Ingredient	Material name		TWA		STEL		Peak	Notes
Australia Exposure Standards	sodium hydroxide	Sodium hydroxide	e	Not Availabl	e	Not Available		2 mg/m3	Not Available
Emergency Limits									
Ingredient	TEEL-1		TEEL-2				TEEL	-3	
sodium hydroxide	Not Available		Not Ava	lable			Not A	vailable	
Ingredient	Original IDLH	Original IDLH			Revise	d IDLH			
sodium hydroxide	10 mg/m3			Not Available					
water	Not Available				Not Ava	ilable			

MATERIAL DATA

Exposure controls

	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure. General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas. Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to					
	effectively remove the contaminant.					
	Type of Contaminant:		Air Speed:			
	solvent, vapours, degreasing etc., evaporating from tank (in	n still air)	0.25-0.5 m/s (50- 100 f/min)			
	aerosols, fumes from pouring operations, intermittent conta spray drift, plating acid fumes, pickling (released at low vel		0.5-1 m/s (100- 200 f/min.)			
Appropriate engineering controls	direct spray, spray painting in shallow booths, drum filling, generation into zone of rapid air motion)	conveyer loading, crusher dusts, gas discharge (active	1-2.5 m/s (200- 500 f/min)			
	grinding, abrasive blasting, tumbling, high speed wheel ger of very high rapid air motion).	nerated dusts (released at high initial velocity into zone	2.5-10 m/s (500- 2000 f/min.)			
	Within each range the appropriate value depends on:					
	Lower end of the range	Upper end of the range				
	1: Room air currents minimal or favourable to capture	1: Disturbing room air currents				
	2: Contaminants of low toxicity or of nuisance value only					
	3: Intermittent, low production.	3: High production, heavy use				
	4: Large hood or large air mass in motion	4: Small hood - local control only				
	Simple theory shows that air velocity falls rapidly with distance decreases with the square of distance from the extraction po adjusted, accordingly, after reference to distance from the co a minimum of 1-2 m/s (200-400 f/min.) for extraction of solve mechanical considerations, producing performance deficits w multiplied by factors of 10 or more when extraction systems a	int (in simple cases). Therefore the air speed at the extra- ntaminating source. The air velocity at the extraction fan, nts generated in a tank 2 meters distant from the extraction vithin the extraction apparatus, make it essential that theo	ction point should be for example, should be on point. Other			
Individual protection measures, such as personal protective equipment						
Eye and face protection	 Safety glasses with side shields; or as required, Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent] Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritition - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59]. 					
Skin protection	See Hand protection below					
Hands/feet protection	 Wear chemical protective gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. Rubber 					
Body protection	See Other protection below					
Other protection	 Overalls. Eyewash unit. 					
Recommended material(s)	Resnir:	atory protection				

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index". The effect(s) of the following substance(s) are taken into account in the *computer-generated* selection:

Respiratory protection

Type -P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant. Protection Factors

Vintessential Sodium Hydroxide 0.333M

Material	CPI
BUTYL	A
IEOPRENE	A
IAT+NEOPR+NITRILE	С
ATURAL RUBBER	С
ATURAL+NEOPRENE	С
EOPRENE/NATURAL	С
ITRILE	С
ITRILE+PVC	С
≣	С
E/EVAL/PE	С
Α	С
/C	С
ARANEX-23	С
ARANEX-23 2-PLY	С
FLON	С
TON	С
ITON/CHLOROBUTYL	С

 Important.
 Maximum gas/vapour concentration present in air p.p.m. (by volume)
 Half-face Respirator
 Full-Face Respirator

(defined as the ratio of contaminant outside and inside the mask) may also be

protection factor	p.p.m. (by volume)	Respirator	Respirator
up to 10	1000	-AUS / Class1 P2	-
up to 50	1000	-	-AUS / Class 1 P2
up to 50	5000	Airline *	-
up to 100	5000	-	-2 P2
up to 100	10000	-	-3 P2
100+			Airline**

* - Continuous Flow ** - Continuous-flow or positive pressure demand A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion **NOTE**: As a series of factors will influence the actual performance of the glove, a final

selection must be based on detailed observation. -

* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Ansell Glove Selection

Glove — In order of recommendation
AlphaTec 02-100
AlphaTec® Solvex® 37-185
AlphaTec® 38-612
AlphaTec® 58-008
AlphaTec® 58-530B
AlphaTec® 58-530W
AlphaTec® 58-735
AlphaTec® 79-700
AlphaTec® Solvex® 37-675
DermaShield™ 73-711

The suggested gloves for use should be confirmed with the glove supplier.

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Clear colourless alkaline liquid with no odour; mixes	with water.	
Physical state	Liquid	Relative density (Water = 1)	1.0
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Applicable
pH (as supplied)	14	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	Not Applicable	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	2.3 @ 20 C	Gas group	Not Available

Solubility in water	Miscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 Stability and reactivity

See section 7
 Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
See section 7
See section 7
See section 7
See section 5

SECTION 11 Toxicological information

Information on toxicological effects Inhaled Not normally a hazard due to non-volatile nature of product Accidental ingestion of the material may be damaging to the health of the individual. Ingestion Ingestion may result in nausea, abdominal irritation, pain and vomiting The material may produce severe skin irritation after prolonged or repeated exposure, and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) thickening of the epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis. Prolonged Skin Contact contact is unlikely, given the severity of response, but repeated exposures may produce severe ulceration. Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected. Eye The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis Chronic Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following. TOXICITY IRRITATION Vintessential Sodium Hydroxide 0.333M Not Available Not Available TOXICITY IRRITATION Eye (rabbit): 0.05 mg/24h SEVERE Dermal (rabbit) LD50: 1350 mg/kg^[2] Eye (rabbit):1 mg/24h SEVERE Oral (Rabbit) LD50; 325 mg/kg^[1] Eye (rabbit):1 mg/30s rinsed-SEVERE sodium hvdroxide Eye: adverse effect observed (irritating)^[1] Skin (rabbit): 500 mg/24h SEVERE Skin: adverse effect observed (corrosive)^[1] TOXICITY IRRITATION water Not Available Oral (Rat) LD50: >90000 mg/kg^[2] 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise Legend: specified data extracted from RTECS - Register of Toxic Effect of chemical Substances Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic

SODIUM HYDROXIDE	condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound. Main criteria for diagnosing RADS include the absence of previous airways disease in a non-atopic individual, with sudden onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. Other criteria for diagnosis of RADS include a reversible airflow pattern on lung function tests, moderate to severe bronchial hyperreactivity on methacholine challenge testing, and the lack of minimal lymphocytic inflammation, without eosinophilia. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. On the other hand, industrial bronchitis is a disorder that occurs as a result of exposure due to high concentrations of irritating substance (often particles) and is completely reversible after exposure ceases. The disorder is characterized by difficulty breathing, cough and mucus production. The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. The material may produce severe skin irritation after prolonged or repeated exposure, and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterized by skin redness (erythema) thickening of the epidermis. Histologically there may be intercellular oedema of the spongy layer (spongiosis) and intracellular oedema of the epidermis. Prolonged contact is unlikely, given the severity of response, but repeated exposures may produce severe ulceration.		
WATER	No significant acute toxicological data identified in liter	rature search.	
Acute Toxicity	×	Carcinogenicity	×
Skin Irritation/Corrosion	×	Reproductivity	×
Serious Eye Damage/Irritation	*	STOT - Single Exposure	×
Respiratory or Skin sensitisation	× STOT - Repeated Exposure ×		

Mutagenicity

×

Aspiration Hazard Legend:

× Data either not available or does not fill the criteria for classification
 Data available to make closefing time. – Data available to make classification

SECTION 12 Ecological information

Toxicity Endpoint Test Duration (hr) Species Value Source Vintessential Sodium Not Not Not Hydroxide 0.333M Not Available Not Available Available Available Available Endpoint Test Duration (hr) Species Value Source 144-LC50 96h Fish 4 267mg/l sodium hydroxide 34.59-EC50 48h Crustacea 4 47.13mg/l 34.59-EC50(ECx) 48h Crustacea 4 47.13mg/l Endpoint Test Duration (hr) Species Value Source water Not Not Not Not Available Not Available Available Available Available Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI Legend: (Japan) - Bioconcentration Data 8. Vendor Data

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient Persistence: Water/Soil		Persistence: Air
sodium hydroxide	LOW	LOW
water	LOW	LOW

Bioaccumulative potential

•	
Ingredient	Bioaccumulation
sodium hydroxide	LOW (LogKOW = -3.8796)
Mobility in soil	
Ingredient	Mobility
sodium hydroxide	LOW (Log KOC = 14.3)

SECTION 13 Disposal considerations

Waste treatment methods				
Product / Packaging disposal	 Recycle wherever possible or consult manufacturer for recycling options. Consult State Land Waste Management Authority for disposal. Treat and neutralise with dilute acid at an effluent treatment plant. Recycle containers, otherwise dispose of in an authorised landfill. 			

SECTION 14 Transport information

Labels Required

	8
Marine Pollutant	NO

2R

HAZCHEM

Land	transport	(ADG)
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Earla transport (ADO)			
14.1. UN number or ID number	1824		
14.2. UN proper shipping name	SODIUM HYDROXIDE SOLUTION		
14.3. Transport hazard class(es)	Class Subsidiary Hazard	8 Not Applicable	
14.4. Packing group	Ш		
14.5. Environmental hazard	Not Applicable		

14.6. Special	cautions for Special provision	s 223
user	Limited quantity	5 L

Air transport (ICAO-IATA / DGR)

14.1. UN number 1824 14.2. UN proper shipping name Sodium hydroxide	e solution			
Sodium hydroxide	e solution			
		Sodium hydroxide solution		
ICAO/IATA Clas	S	8		
14.3. Transport hazard ICAO / IATA Su class(es)	bsidiary Hazard	Not Applicable		
ERG Code		8L		
14.4. Packing group III	III			
14.5. Environmental hazard Not Applicable	Not Applicable			
Special provisio	Special provisions		A3 A803	
Cargo Only Pa	Cargo Only Packing Instructions		856	
	Cargo Only Maximum Qty / Pack		60 L	
14.6. Special precautions for user Passenger and	Passenger and Cargo Packing Instructions		852	
	Passenger and Cargo Maximum Qty / Pack		5 L	
Passenger and	Passenger and Cargo Limited Quantity Packing Instructions		Y841	
Passenger and	Passenger and Cargo Limited Maximum Qty / Pack		1 L	

Sea transport (IMDG-Code / GGVSee)

14.1. UN number	1824			
14.2. UN proper shipping name	SODIUM HYDROXIDE SOLUTION			
14.3. Transport hazard class(es)	IMDG Class IMDG Subsidiary Haza	8 ard Not Applicable		
14.4. Packing group	III			
14.5 Environmental hazard	Not Applicable			
14.6. Special precautions for user	Special provisions	F-A, S-B 223 5 L		

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name Gro	roup
sodium hydroxide Not	lot Available
water Not	ot Available

14.7.3. Transport in bulk in accordance with the IGC Code

Product name	Ship Type
sodium hydroxide	Not Available
water	Not Available

SECTION 15 Regulatory information

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

sodium hydroxide is found on the following regulatory lists

- Australia Hazardous Chemical Information System (HCIS) Hazardous Chemicals
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) Schedule 10 / Appendix C
- Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) Schedule 5

Australian Inventory of Industrial Chemicals (AIIC)

water is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

Additional Regulatory Information

Not Applicable

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non- Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (sodium hydroxide; water)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	Yes
Vietnam - NCI	Yes
Russia - FBEPH	Yes
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

SECTION 16 Other information

Revision Date	08/20/2021
Initial Date	12/02/2014

SDS Version Summary

Version	Date of Update	Sections Updated	
4.1	09/03/2020	Classification change due to full database hazard calculation/update.	
5.1	08/20/2021	Classification change due to full database hazard calculation/update.	

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

- PC TWA: Permissible Concentration-Time Weighted Average
- PC STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit.
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIOC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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