

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	MAXX DUAL ACTION FLOOR CLEANER-BRIGHT SPEED
Other means of identification	:	Not applicable
Recommended use	:	Floor Cleaner
Restrictions on use	:	Reserved for industrial and professional use.
Product dilution information	:	0.19 % - 0.78 %
Company	:	Ecolab Inc. 370 N. Wabasha Street St. Paul, Minnesota USA 55102 1-800-352-5326
Emergency telephone	:	1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)
Issuing date	:	06/05/2015

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Product AS SOLD

iratory system)

Product AT USE DILUTION

Not a hazardous substance or mixture.

GHS Label element

Product AS SOLD	
Hazard pictograms	



May cause respiratory irritation.

Signal word	
Hazard Statements	

Cianal Ward

: Causes severe skin burns and eye damage.

Precautionary Statements

: Prevention:

: Danger

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

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. Immediately call a POISON CENTER or

	 doctor/ physician. 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 or doctor/ physician. Wash contaminated clothing before reuse. Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up. Disposal: Dispose of contents/ container to an approved waste disposal plant.
Product AT USE DILUTION Precautionary Statements	· Prevention:
Trobadionary etatomonito	Wash hands thoroughly after handling.
	Response: Get medical advice/ attention if you feel unwell.
	Storage: Store in accordance with local regulations.
Product AS SOLD Other hazards	: None known.
SECTION 2 COMPOSITION//	
SECTION 3. COMPOSITION/II	NFORMATION ON INGREDIENTS
Product AS SOLD	
Pure substance/mixture	: Mixture

Chemical Name monoethanolamine Sodium Xylenesulfonate Sodium silicate poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w- hydroxy- othulopadiaming tetrappetete	CAS-No. 141-43-5 1300-72-7 1344-09-8 160875-66-1	Concentration (%) 10 - 30 5 - 10 1 - 5 1 - 5
ethylenediamine tetraacetate	64-02-8	1 - 5
Fragrance	Proprietary Ingredient	0.1 - 1

Product AT USE DILUTION

No hazardous ingredients

No nazardous ingredients			
SECTION 4. FIRST AID ME	ASURES		
Product AS SOLD			
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.		
In case of skin contact	: Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.		
If swallowed	: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.		
If inhaled	: Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.		
Protection of first-aiders	: If potential for exposure exists refer to Section 8 for specific personal		

		protective equipment.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.
Product AT USE DILUTION In case of eye contact		Rinse with plenty of water.
In case of eye contact	·	Thise with pienty of water.
In case of skin contact	:	Rinse with plenty of water.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.

SECTION 5. FIRE-FIGHTING MEASURES

Product AS SOLD Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus
Special protective equipment for fire-fighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Product AS SOLD

Product AS SOLD Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non- combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike

spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Product AT USE DILUTION Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non- combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

SECTION 7. HANDLING AND STORAGE

Product AS SOLD Advice on safe handling	:	Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling.
Conditions for safe storage	:	Do not store near acids. Keep out of reach of children. Store in suitable labeled containers.
Storage temperature	:	10 °C to 45 °C
Product AT USE DILUTION Advice on safe handling	:	Wash hands after handling. For personal protection see section 8.
Conditions for safe storage		Keep out of reach of children. Store in suitable labeled containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Product AS SOLD

Ingredients with workplace control parameters

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
monoethanolamine	141-43-5	TWA	3 ppm	ACGIH
		STEL	6 ppm	ACGIH
		TWA	3 ppm 8 mg/m3	NIOSH REL
		STEL	6 ppm 15 mg/m3	NIOSH REL
		TWA	3 ppm 6 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection

: Wear eye protection/ face protection.

Hand protection	 Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	: Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
Respiratory protection	: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
Product AT USE DILUTION Engineering measures	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protective equipment	ıt
Eye protection	: No special protective equipment required.
Hand protection	: No special protective equipment required.
Skin protection	: No special protective equipment required.
Respiratory protection	: No personal respiratory protective equipment normally required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Product AS SOLD

Appearance	: liquid	liquid
Color	: dark green	light green
Odor	: Perfumes, fragrances	Perfumes, fragrances
рН	: 12.5 - 14.0, 100 %	10.0 - 13.0
Flash point	: Not applicable	
Odor Threshold	: No data available	
Melting point/freezing point	: No data available	
Initial boiling point and boiling range	: No data available	
Evaporation rate	: No data available	
Flammability (solid, gas)	: No data available	
Upper explosion limit	: No data available	
Lower explosion limit	: No data available	
Vapor pressure	: No data available	
Relative vapor density	: No data available	
Relative density	: 1.073	
Water solubility	: No data available	

Product AT USE DILUTION

Solubility in other solvents	:	No data available
Partition coefficient: n- octanol/water	:	No data available
Autoignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity, kinematic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Molecular weight	:	No data available
VOC	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Product AS SOLD Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Acids Metals
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of : Inhalation, Eye contact, Skin contact exposure

Potential Health Effects

Product AS SOLD Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Causes digestive tract burns.
Inhalation	:	May cause respiratory tract irritation. May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.
Product AT USE DILUTION		
Eyes	:	Health injuries are not known or expected under normal use.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.

Inhalation	: Health injuries are not known or expected under normal use.
Chronic Exposure	: Health injuries are not known or expected under normal use.
Experience with human expo	osure
Product AS SOLD Eye contact	: Redness, Pain, Corrosion
-	
Skin contact	: Redness, Pain, Corrosion
Ingestion	: Corrosion, Abdominal pain
Inhalation	: Respiratory irritation, Cough
Product AT USE DILUTION	
Eye contact	: No symptoms known or expected.
Skin contact	: No symptoms known or expected.
Ingestion	: No symptoms known or expected.
Inhalation	: No symptoms known or expected.
Toxicity	
Product AS SOLD	
Acute oral toxicity	: Acute toxicity estimate : > 5,000 mg/kg
Acute inhalation toxicity	: 4 h Acute toxicity estimate : 9.35 mg/l
Acute dermal toxicity	: Acute toxicity estimate : > 5,000 mg/kg
Skin corrosion/irritation	: No data available
Respiratory or skin sensitization	: No data available
Carcinogenicity	: No data available
Reproductive effects	: No data available
Germ cell mutagenicity	: No data available
Teratogenicity	: No data available
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
Aspiration toxicity	: No data available
SECTION 12. ECOLOGICAL	INFORMATION

SECTION 12. ECOLOGICAL INFORMATION

Product AS SOLD Ecotoxicity

: Harmful to aquatic life.
: No data available
: No data available

aquatic invertebrates		
Toxicity to algae	:	No data available
Ingredients		
Toxicity to fish	:	Sodium silicate 96 h LC50: 210 mg/l
		ethylenediamine tetraacetate 96 h LC50 Fish: 121 mg/l
Ingredients		
Toxicity to daphnia and other aquatic invertebrates	:	monoethanolamine 48 h EC50 Daphnia: 65 mg/l
		poly(oxy-1,2-ethanediyl), a-(2-propylheptyl)-w-hydroxy- 48 h EC50 Daphnia: 10 mg/l
Ingredients		
Toxicity to algae	:	Sodium Xylenesulfonate 96 h EC50: 230 mg/l
Persistence and degradabili	ity	
No data available		
Bioaccumulative potential		
No data available		
Mobility in soil		
No data available		
Other adverse effects		
No data available		
SECTION 13. DISPOSAL CO	NS	IDERATIONS
Product AS SOLD		
Disposal methods	:	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re- use empty containers. Dispose of in accordance with local, state, and federal regulations.
RCRA - Resource Conservation and Recovery Authorization Act Hazardous	:	D002 (Corrosive)

Product AT USE DILUTION	
Disposal methods	: Diluted product can be flushed to sanitary sewer.
Dispasal considerations	. Dianage of in appardance with local state, and federal regulations
Disposal considerations	: Dispose of in accordance with local, state, and federal regulations.

waste

SECTION 14. TRANSPORT INFORMATION

Product AS SOLD

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

UN number	: 2491
Description of the goods	: Ethanolamine solutions
	(monoethanolamine)
Class	: 8
Packing group	: 111
Environmentally hazardous	: no
Sea transport (IMDG/IMO)	
Sea transport (IMDG/IMO) UN number	: 2491
• • • •	: 2491 : ETHANOLAMINE SOLUTION
UN number	
UN number	: ETHANOLAMINE SOLUTION
UN number Description of the goods	: ETHANOLAMINE SOLUTION (monoethanolamine)
UN number Description of the goods Class	ETHANOLAMINE SOLUTION (monoethanolamine)8

Product AT USE DILUTION

Not intended for transport.

SECTION 15. REGULATORY INFORMATION

Product AS SOLD

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	Acute Health Hazard
SARA 302	:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

United States TSCA Inventory : On TSCA Inventory

Canadian Domestic Substances List (DSL) :

This product contains one or several components listed in the Canadian NDSL.

Australia Inventory of Chemical Substances (AICS) : not determined

New Zealand. Inventory of Chemical Substances : not determined

Japan. ENCS - Existing and New Chemical Substances Inventory : not determined

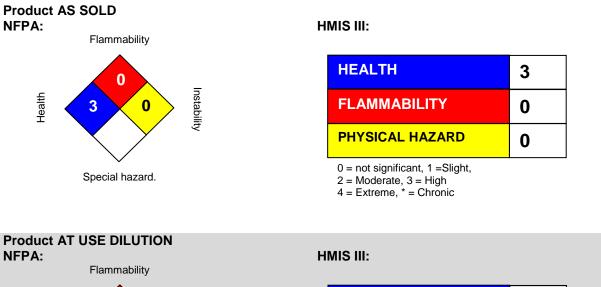
Japan. ISHL - Inventory of Chemical Substances (METI) : not determined

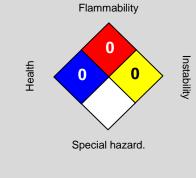
Korea. Korean Existing Chemicals Inventory (KECI) : not determined

Philippines Inventory of Chemicals and Chemical Substances (PICCS) : not determined

China. Inventory of Existing Chemical Substances in China (IECSC) : not determined

SECTION 16. OTHER INFORMATION





HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
0 = not significant, 1 =Slight, 2 = Moderate, 3 = High	

4 = Extreme, * = Chronic

Issuing date	:	06/05/2015
Version	:	1.1
Prepared by	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.