

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name Eco-Powder Laundry Detergent

Other means of Identification Not applicable

Recommended use Laundry

Restrictions on use Reserved for industrial and professional use

Product dilution information:

Company Extox Industries Inc.
6419 Netherhart Rd
Mississauga, ON L5T 1C3
905 670 7738

Emergency Health Information CANUTEC – 613 996 6666

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Section 2: HAZARD IDENTIFICATION

GHS Classification

Product AS SOLD

Acute toxicity (Oral) Category 4

Skin corrosion: Category 1A

Serious Eye Damage: Category 1

Specific target organ toxicity-
Single exposure Category 3 (Respiratory system)

GHS Label Element

Product AS SOLD



Hazard pictograms

Signal Word: Caution

Hazard Statements:

Precautionary Statements: **Prevention:** Wash skin thoroughly after handling. 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 CENTRE 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 CENTRE or Doctor/Physician. Wash contaminated clothing before reuse.

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant.

Product AT USE DILUTION

Precautionary Statements:

Prevention:

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 3: COMPOSITION / INFORMATION ON INGREDIENTS**Product AS SOLD**

Pure substance / mixture:

Mixture

Chemical Name	CAS-No.	Concentration: (%)
Sodium Carbonate	497-19-8	30-50
Linear Ethoxylated alcohol	68131-30-5	3- 5
Dodecyl Benzene Sulfonyl Acid	27176-87-0	4- 7
Zeolites	1318-02-1	2- 4
Sodium Tripoly phosphate	7758-29-4	1- 3
Sodium Metaliccate	6834-92-0	2- 4

Product AT USE DILUTION

No hazardous ingredients

Section 4: FIRST AID MEASURES**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.

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

Section 5: FIREFIGHTING 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 Firefighting

Not flammable or combustible

Special protective equipment for Firefighters:

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.

Risk of explosion:

Not Available

Section 6: ACCIDENTAL RELEASE MEASURES

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 working in concentrations above the exposure limit, use of appropriate certified respirators required. Ensure clean up is conducted by trained personnel only. Refer to protective measure Section 7/8

Environmental precautions:

Do not allow contact with soil, surface or ground water.

Methods and materials for Containment and clean up:

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material (eg: sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13) Flush away traces with water. For large spills, dike spilled material or otherwise contain mater 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 clean up:

Stop leak if safe to do so. Contain spillage and then collect with non-combustible absorbent material (eg: sand, earth, diatomaceous earth, vermiculite) and lace in container for disposal according to local / national regulations (see Section 13) Flush away traces with water. 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.

SAFETY REMINDER;

*Never pour product into unlabeled containers

*Use only for recommended uses. Read Label

* Never take product home. Use only in the workplace.

Conditions for safe storage:

Do not store near acids. Keep out of reach of children. Store in suitable labeled containers.

Storage temperature:

Zero to 40 degrees 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****Components with workplace control parameters**

COMPONENTS	CAS-NO.	Form of Exposure	Permissible Concentration	Basis
Sodium Carbonate	497-19-8	Not Listed	Not Listed	Not Listed
Linera Ethoxylated Alcohol	681031-30.5	Not Listed	Not Listed	Not Listed
Dodecyl Benzene Sulfonic Acid	27176-87-0	Not Listed	Not Listed	Not Listed
Zeolites	1318-02-1	Not Listed	Not Listed	Not Listed
Sodium Tripoly Phosphate	7758-28-4	Not Listed	Not Listed	Not Listed
Sodium Metasilicate	6834-92-0	Not Listed	Not Listed	Not Listed

Engineering measures: Effective exhaust ventilation system. Maintain air concentrations below occupational Wear the following 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

Eye protection: No special protective equipment required

Hand protection: No special protective equipment required

Skin protection: No special protective equipment required

Respiratory protection: No special protective equipment required

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

	Product AS SOLD	Product AT USE DILUTION
Appearance:	Powder	
Colour:	White	
Odour:	Lemon	
PH	10-10.5	
Flash point:	n/a	
Odour Threshold:		
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	
Vapour pressure:	No data available	
Relative vapour density:	No data available	
Relative density:		
Water solubility:	Soluble	
Solubility in other solvents:	No data available	
Partition coefficient: n-octanol/water:	No data available	
Auto-ignition 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
Hazardous decomposition products:	Decomposition products may include the following materials:

Section 11: TOXICOLOGICAL INFORMATION

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

Potential Health Effects**Product AS SOLD**

Eyes:	May cause eye damage
Skin:	May cause skin burns
Ingestion:	May cause digestive tract burns
Inhalation:	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 Exposure**Product AS SOLD**

Eye Contact:	Redness, Pain, Irritation
Skin Contact:	Redness, Pain
Ingestion:	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:	No data available
Acute inhalation toxicity:	No data available
Acute dermal toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/eye 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**Product AS SOLD****Ecotoxicity**

Environmental Effects: May be harmful to aquatic life

Products

Toxicity to Fish: 96h LC50 13.1mg/l

Toxicity to daphnia and other

Aquatic invertebrates: No data available

Toxicity to algae: No data available

Components

Toxicity to daphnia and other
Aquatic invertebrates: Sodium Carbonate, Sodium Metasilicate
48 h EC50: 40 mg/l

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Section 13: DISPOSAL CONSIDERATIONS**Product AS SOLD**

Disposal methods: Where possible recycling is preferred to disposal or incineration. If recycling is not practical, 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 and federal regulations.

Product AT USE DILUTION

Disposal methods: Diluted product can be flushed to sanitary sewer

Disposal considerations: Dispose of in accordance with local and federal regulations.

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 (TDG)

UN number	UN3253
Description of Goods	Sodium Metasilicate
Class	8
Packing Group	III
Environmentally Hazardous	Not an extremely hazardous substance

Product AT USE DILUTION

Not intended for transport

Section 15: REGULATORY INFORMATION

This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR.

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

United States TSCA Inventory

On TSCA Inventory

Canadian Domestic Substances List (DSL)

All components of this product are on the Canadian DSL

Section 16: OTHER INFORMATION