

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 Percarbonate	15630-89-4	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
Special protective equipment for Firefighters:Not flammable or combustible
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	Permissible	Basis
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		Exposure	Concentration	
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 Percarbonate	15630-89-4	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
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Skin Contact:	Redness, Pain
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Ingestion:	Abdominal Pain
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Inhalation:	Respiratory irritation, Cough
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Product AT USE DILUTION

Eye Contact:	No symptoms known or expected
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Skin Contact:	No symptoms known or expected
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Ingestion:	No symptoms known or expected
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Inhalation:	No symptoms known or expected
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Toxicity

Product AS SOLD

Acute oral toxicity:	No data available
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Acute inhalation toxicity:	No data available
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Acute dermal toxicity:	No data available
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Skin corrosion/irritation:	No data available
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Serious eye damage/eye irritation:	No data available
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Respiratory or skin sensitization:	No data available
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Carcinogenicity	No data available
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Reproductive effects:	No data available
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Germ cell mutagenicity:	No data available
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Teratogenicity:	No data available
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STOT – single exposure	No data available
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STOT – repeated exposure	No data available
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Aspiration toxicity:	No data available
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Section 12: ECOLOGICAL INFORMATION

Product AS SOLD

Ecotoxicity

Environmental Effects:	May be harmful to aquatic life
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Products

Toxicity to Fish: 48h LC50 4.9 mg/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 Percarbonate
96 h EC50: 70.7 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 UN3378
Description of Goods Sodium Peracarbonate
Class 5.1
Packing Group II
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