

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Dynamax
 Product Use: : Industrial Dishwash Detergent
 Supplier Name and Address: : Corporate Facility Supply
 7 Neilson Street
 St. Catharines, ON L2M 5V9

 Telephone: : (905) 682-8888
 Emergency Telephone: : CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Physical State: Liquid
GHS Classification:
 Skin Irritation: Category 1C
 Eye Irritation: Category 1
 Acute Toxicity: Category 1
GHS Label Elements:
 Hazard Pictograms



Signal Word: Danger
 Hazard Statements: H302 Harmful if swallowed
 H312 Harmful in contact with skin
 H318 Causes serious eye damage
 Precautionary Statements: **Prevention**
 P102 Keep out of reach of children
 P262 Do not get in eyes, on skin, or on clothing
 P284 In case of inadequate ventilation wear respiratory protection
Response
 P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes
 P305 IF IN EYES: Flush with plenty of water for at least 15 minutes
 P332+P313 If skin irritation persists, get medical attention

Potential Health Effects:
 Inhalation : Strongly irritating to the eyes, nose, throat and lungs. High concentration of vapours will cause irritation. Similar effects with misting the product.
 Skin : Dangerous in case of skin contact. Causes burns. Symptoms may be delayed.
 Eyes : Contact can result in tissue damage.
 Ingestion : Harmful or fatal if swallowed.
 Aggravated Medical Condition : None known
 Symptoms of Overexposure : See section 11.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Sodium Hydroxide	1310-73-2	20
Anionic Surfactant	Not Available	2

SECTION 4 - FIRST-AID MEASURES

General Advice	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
Inhalation	: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.
Skin Contact	: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.
Eye Contact	: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
Ingestion	: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol foam, carbon dioxide, dry chemical
Specific hazards arising from the chemical	: None known
Special protective actions for fire-fighters	: None
Additional advice	: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wear appropriate protective equipment.
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Dynamax

Environmental precautions

: Prevent entry into sewers or streams. Dike if needed. The bacteria and carriers are naturally occurring and should not pose an environmental risk.

**Methods and materials for containment/
cleaning up**

: Vacuum or sweep up avoiding generation of mist. Place in suitable labeled containers and hold for waste disposal. Wash spill site with water.

Additional advice

: None

SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling
Conditions for safe storage**

: Use of nitrile gloves and eye protection is optional.
: Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials as provided in Section 10.

Other data

: Do not freeze.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Control parameters
Engineering Controls**

: Not available
: Normal building ventilation is adequate. Ensure that eyewash stations and safety showers are close to the workstation location

Personal Protective Equipment

Eye/face protection

: Safety glasses with side shields when there is potential for eye contact. Face shield also recommended for handling large amounts. Contact lenses should not be worn

Hand protection

Skin protection

: Nitrile or rubber gloves are recommended
: Protective coveralls or thick clothing that covers exposed skin

Respiratory protection

: Wear a NIOSH/MSHA approved air-purifying respirator equipped with chlorine cartridges when vapours reach high levels

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice
When using do not eat or drink
When using do not smoke
Wash hands before breaks and at the end of the workday

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

: Clear bright red liquid

Odor:

: Citrus

Odor Threshold:

: Not available

pH:

: 13.51

Melting point/ freezing point:

: Not available

Initial boiling point and boiling range:

: Not available

Flash point:

: Not available

Evaporation rate:

: Not available

Flammability (solid, gas):

: Not available

Upper/lower flammability or explosive limits:

: Not available

Vapour pressure:

: Not available

Vapour density:

: Not available

Relative density (g/mL):

: 1.06

Water solubility:

: Not available

Solubility in other solvents:

: Not available

Partition coefficient: n-octanol/water:

: Not available

Auto-ignition temperature:

: Not available

Decomposition temperature: : Not available
Viscosity: : As water

SECTION 10 - STABILITY AND REACTIVITY

Reactivity : Product is stable
Chemical Stability : Stable under normal conditions
Possibility of hazardous reactions : Hazardous decomposition products are not known
Conditions to avoid : Avoid contact with oxidizing chemicals.
Incompatible materials : Strong oxidizing agents
Hazardous decomposition products : Not available

SECTION 11 - TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity : Not available
Skin Corrosion/ Irritation : Not available
Serious eye damage/irritation : Not available
Respiratory or skin sensitization : Not available
Germ cell mutagenicity : Not available
Carcinogenicity : Not available
Reproductive toxicity : Not Available
STOT-single exposure : Not available
STOT-repeated exposure : Not available
Aspiration hazard : Not available

Toxicology Data for Ingredients

Sodium Hydroxide

Acute oral toxicity : LD50 intraperitoneal, mouse: 40 mg/kg
LC50 Not available
Skin irritation : rabbit: 500 mg/ 24 hours, severe
Eye irritation : rabbit: 400 ug mild; 1% eyes, severe
Sensitization : Not available

Anionic surfactant

Acute oral toxicity : LD50 Not available
LC50 Not available
Skin irritation : Not available
Eye irritation : Not available
Sensitization : Not available

SECTION 12 - ECOLOGICAL INFORMATION

Product Information:

Toxicity: : Strongly alkaline. May cause damage to aquatic life.
Persistence and degradability: : Not available
Bioaccumulative potential: : Not available
Mobility in soil: : Not available
Other adverse effects: : Not available

Toxicology Data for Ingredients:

Sodium Hydroxide

Toxicity: : LC50 Not available
LC50 Not available
Persistence and degradability: : Not available
Bioaccumulative potential: : Not available
Mobility in soil: : Not available

Other adverse effects: : Slightly toxic to aquatic organisms on an acute basis.
(LC50, EC50 between 10 and 100mg per litre in species tested)

Anionic Surfactant

Toxicity: : LC50 Not available
LC50 Not available

Persistence and degradability: : Not available

Bioaccumulative potential: : Not available

Mobility in soil: : Not available

Other adverse effects: : Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Product : Sanitary sewer or dry absorbent if available.
For large quantities, contact local environmental
department or government authorities
Do not dispose in drains, waterways, or soil
Do not contaminate ponds, or ditches with chemical or the
used container

SECTION 14 - TRANSPORT INFORMATION

UN Number : Not available

UN Proper Shipping Name : Not available

Transport hazard class(es) : Not available

Packing group, if applicable : Not available

Environmental hazards : Not available

Special precautions for user : Not Available

**Transport in bulk according to Annex II of
MARPOL 73/78 and the IBC Code** : Not applicable

SECTION 15 - REGULATORY INFORMATION

WHMIS Status : Not known

WHMIS classification : Class E

SECTION 16 - OTHER INFORMATION

Prepared by: Technical Services
Telephone number: (905) 682-8888

Preparation date: January 2018

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