

1. Product and Company Identification

Product Name: Dish Excel +

Product Number: MSC215

Product Use: Dish Detergent

Supplier: MSC Sanitation LTD.
9266 Main Street
Richibucto, NB, E4W 4C7
Canada

Manufacturer: MSC Sanitation LTD.
9266 Main Street
Richibucto, NB, E4W 4C7
Canada

Telephone : +1 506-523-4311

Emergency Telephone Number: 613-996-6666 (CANUTEC)

2. Hazards Identification

WHMIS Classification

D2A Very Toxic Material Causing Other Toxic Effect

E Corrosive Material

GHS Classification

Skin Corrosion/Irritation (Sub-Category 1A)

Serious Eye Damage (Category 1)

GHS Label elements, Including Precautionary Statement

Pictogram



Signal word

Danger

Hazard Statement(s)

H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage.

Precautionary Statement(s)

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification

Health Hazard: 3
The Flammability: 0
Physical Hazard: 0

Potential Health Effects

Skin: May be harmful if absorbed through skin. Causes skin burns.
Eyes: Cause severe eye burns.
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

3. Composition/Information on Ingredients

Chemical Characterization: Mixture

Description: Aqueous mixture

Hazardous ingredients:

CAS No.	Description	Concentration (m/m)
1310-73-2	Sodium Hydroxide	5-15%
64-02-8	Tetrasodium Ethylenediamine Tetraacetate	1-2%
13870-28-5	Sodium Disilicate N-Hydrate	1-2%

4. First Aid Measures

General Advice

If inhaled:	If breathed in, move the person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
In case of eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
If swallowed:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Firefighting Measures

Conditions of Flammability

Not flammable or combustible.

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous Combustion Product

Hazardous decomposition products formed under fire conditions. – Sodium oxides, Carbon Oxides.

Explosion Data – Sensitivity to Mechanical Impact

No data available

Explosion data – Sensitivity to Static Discharge

No data available

6. Accidental Release Measures

Personal Precautions

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Materials for Containment and Cleaning Up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Opened containers must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/Personal Protection

Components with Workplace Control Parameters

Components	CAS-No.	Value	Control Parameters	Basis
Sodium hydroxide	1310-73-2	C	2mg/m ³	NIOSH/guide
		C	2mg/m ³	ACGIH

Personal Protective Equipment

Respiratory Protection

In the case of vapour formation use a respirator with an approved filter.

Hand Protection

Handle with suitable gloves. PVC or rubber gloves

Eye Protection

Tightly fitting safety goggles.

Skin and Body Protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene Measure

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after handling the product.

9. Physical and Chemical Properties

Appearance

Form:	Liquid
Colour:	Red liquid

Safety Data

pH:	13-14
Melting Point:	Not available
Boiling point:	Not available
Flash Point:	Not available
Ignition Temperature:	Not available
Lower Explosion Limit:	Not available
Upper Explosion Limit:	Not available
Vapour Pressure:	Not available
Density:	Not available
Water Solubility:	Completely miscible, soluble
Viscosity, Dynamic:	Not available

10. Stability and Reactivity

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available.

Materials to Avoid

Acids, aluminium.

Hazardous Decomposition Products

Sodium oxides.

11. Toxicological Information

Acute Toxicity

Oral LD50:	Not available
Dermal LD50:	Not available
Inhalation LC50:	Not available
Skin Irritation :	Not available
Eye Irritation :	Not available
Respiratory Sensitization:	Not available
Carcinogenicity :	No component of this product present at levels greater or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
The Teratogenicity :	Not available
Reproductive Toxicity :	Not available
Specific Organ Toxicity Single Exposure:	Not available
Specific Organ Toxicity Repeated Exposure:	Not available
Aspiration Toxicity:	Not available

Components Influencing Toxicology

Tetrasodium Ethylenediamine Tetraacetate (CAS.-No.: 64-02-8)

Oral LD50:	630-1260 mg/kg
	Species: Rats

12. Ecological Information

Toxicity:	Not available
Persistence and Degradability:	Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

Other Adverse Effects: Not available

13. Disposal Consideration

Further Information

Dispose of in accordance with local regulations. Contact waste disposal services.

Contaminated Packaging

Dispose of as unused product.

14. Transport Information

TDG

UN Number: 1824

Proper Shipping Name: Sodium Hydroxide Solution

Transport Hazard Class: 8

Packing Group: II

DOT

UN Number: 1824

Proper Shipping Name: Sodium Hydroxide Solution

Transport Hazard Class: 8

Packing Group: II

Special Precautions

Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory Information

WHMIS Classification

D2A Very Toxic Material Causing Other Toxic Effect

E Corrosive Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other Information

MCS Sanitation LTD. Believes that the data, technical information and recommendation contained in this document are accurate; however, this information is provided without making any warranty, expressed or implied, and we assume no responsibility whatsoever for any damages or losses resulting from their use of the designated product. Use of this product should be restricted to qualified personnel.

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