

Safety Data Sheet

Last updated November 26, 2021

MC3 BRIGHT PLUS

SECTION 1. IDENTIFICATION

Product Identifier	MC3 BRIGHT PLUS
Recommended Use	Automatic dishwasher detergent.
Restrictions on Use	Use only as Directed.
Initial Supplier Identifier	MCL Hospitality Ltd. 3-1120 Morrison Drive Ottawa, ON., K2G 4R9 613-820-0139
Emergency Telephone Number	1-800-268-9017

SECTION 2. HAZARD IDENTIFICATION

Classification	Corrosive to metals Skin corrosion/irritation Serious eye damage/eye irritation
-----------------------	--

Label Elements



Signal Word	Danger
Other Hazards	None Known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Sodium Hydroxide	1310-73-2	10-35		
Nitilotriacetic Acid	139-13-9	5---20		
Sodium EDTA	64-02-08	5---10		

1120 MORRISON DRIVE, OTTAWA, ONTARIO K2H 8M7 Tel: (613) 820-0139 Fax: (613) 820-7543

SECTION 4. FIRST-AID MEASURES

Inhalation	Remove to fresh air
Skin Contact	Flush with water for 20 minutes seek medical attention if irritation develops.
Eye Contact	Flush thoroughly with warm water for 20 minutes, seek medical attention if irritation develops.
Ingestion	Drink water. DO NOT induce vomiting. Call a Poison Centre/Physician
Most Important Symptoms and Effects, Acute and Delayed	Irritation and/or corrosive eye, skin and mucous membrane damage. If digested, irritation and/or corrosion of digestive tract. Symptoms may include vomiting, diarrhea, and Nausea. Possibility of allergic dermatitis upon prolonged and frequent contact.
Immediate Medical Attention and Special Treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Treat for surrounding material.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as that will spread the fire.
Specific Hazards Arising from the Product	During fire, gases hazardous to health may be formed.
Special Protective Equipment and Precautions for Fire-Fighters	Self-contained breathing apparatus & full protective clothing must be worn in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local Authorities should be advised if significant spillages cannot be contained.
--	---

Methods for Containment and Cleaning Up

Stop flow of material, if this is without risk. Flush with water, and wipe up with absorbent material. Clean surface thoroughly. Do not flush to sewer or allow to enter waterways. Use appropriate personal protective equipment. Provide Ventilation.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with eyes, skin, and clothing. Do not breathe mist or vapour. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling /storage.

Conditions for Safe Storage

Keep container closed when not in use. Store in a dry, cool, and well ventilated area. Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Sodium Hydroxide	Not available	Not available	Not available	Not available
Nitrilotriacetic Acid	Not available	Not available	Not available	Not available
Sodium EDTA	Not available	Not available	Not available	Not available

Appropriate Engineering Controls

Apply technical measure to comply with occupational exposure limits. Use ventilation adequate to keep exposure level below recommended exposure limits.

Individual Protection Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, smoke, or drink where material is handled, proceed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Eye/Face Protection

Safety glasses or goggles are recommended when using product.

Skin Protection

Wear suitable protective clothing. Wear chemical resistant gloves.

Respiratory Protection

Not required under normal use conditions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance
Odour**

Red Liquid
Characteristic

**Odour Threshold
pH**

Not Determined
10----11 (solution 1%)

**Melting Point and
Freezing Point**

Not determined

Initial Boiling Point

Not determined

and Boiling Range	
Flash Point	Not determined
Evaporation Rate	Not determined
Flammability (solid, gas)	Not determined
Upper and Lower Flammability or Explosive Limit	Not determined
Vapour Pressure	Not determined
Vapour Density (air = 1)	Not determined
Relative Density (water = 1)	Not determined
Solubility in Water	Not determined
Solubility in Other Liquids	Not determined
Partition Coefficient, n-Octanol / Water (Log Kow)	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal use.
Conditions to Avoid Incompatible Materials	None Known
Hazardous Decomposition Products	Strong Acids, aluminum, zinc, tin
	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Eye contact, Skin contact

Inhalation Skin contact Eye contact Ingestion

Skin Corrosion / Irritation	May cause severe skin burns
Serious Eye Damage / Irritation	May cause serious eye damage
Inhalation	May cause irritation to the respiratory system
Ingestion	May cause digestive tract burns

Reproductive Toxicity	Severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damages including blindness could result.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen.
Reproductive Toxicity effects. Development of Offspring	This product is not expected to cause reproductive or developmental effects.
Teratogenicity	Not available
Specific target organ toxicity – single exposure	Not available
Specific target organ toxicity – repeated exposure	Not available
Aspiration hazards	Not available
Chronic effects	Prolonged inhalation may be harmful

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not established
Persistence and Degradability	Not established
Bioaccumulative Potential	Not established
Mobility in Soil	Not established
Other Adverse Effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	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. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers. Dispose of in accordance with local, provincial, and federal
-------------------------	--

regulations.

SECTION 14. TRANSPORT INFORMATION

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

Land & Sea Transport

UN Number:	1824
Description:	Sodium Hydroxide Solution
Hazard Class:	8
Packing Group:	II
Environmentally Hazardous:	No

SECTION 15. REGULATORY INFORMATION

SECTION 16. OTHER INFORMATION

The information provided in this 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.