

# SAFETY DATA SHEET

## Section 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Product Name:** BM-5200 Plaster and Stone Remover

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use(s):** Plaster and stone remover to be used with an ultrasonic cleaning machine

### Details of the supplier of the safety data sheet

<b>Manufacturer:</b>	N.A.K.P Foto Inc. 2575 De Miniac Ville Saint Laurent, Quebec H4S 1E5 Canada	<b>Distributor:</b>	B.M. Group Inc. 5890 Monkland Avenue, Suite 16 Montreal Quebec H4A 1G2 Canada
<b>Website:</b>	www.nakpfoto.com	<b>Website :</b>	http://www.bmcanada.ca
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<b>Tel</b> (514) 932-8057		<b>Tel:</b> (514) 738-5200 Toll Free 1-800-561-9818	
<b>Fax</b> (514) 932-8057		<b>Fax:</b> (514) 738-2290	

### Emergency telephone number

**Emergency Contact:** Emergency: 1-800-463-5060 Poison Control Center in Quebec, Canada

### Notes:

While this cleaning product is generally safe and effective during normal use as per directions on label and as per guidelines in this SDS, this SDS also contains valuable information critical to the safe handling and proper use of the product for large production plants, industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product.

## Section 2. Hazards identification

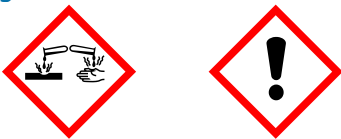
### Classification of the substance or mixture

#### GHS Classification for mixture:

Serious eye damage - Category 1  
Skin irritation - Category 2  
Acute Toxicity Oral - Category 4

### Label elements

#### Pictograms:



#### Signal Words:

Danger

#### Hazard Statements:

Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye damage.

**Precautionary Statements:****Prevention**

Wash your hands thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves, eye protection.

**Response**

Immediately call a POISON CENTER, doctor.  
IF SWALLOWED: Call a POISON CENTER, doctor if you feel unwell.  
If skin irritation occurs: Get medical attention / advice.  
Rinse mouth.  
IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing.  
IF IN EYES: Rinse cautiously with water for several minutes.  
IF ON SKIN: Wash with plenty of water.  
Take off contaminated clothing. And wash it before reuse.

**Disposal**

Dispose of contents in accordance with all local, regional, national and international regulations. Dispose of container in accordance with all local, regional, national and international regulations.

**Section 3. Composition/information on ingredients****Substances**

No available data for this section.

**Mixtures**

Identifiers	Ingredients	Percentage	Classification
64-02-8	Ethylenediaminetetraacetic Acid, Tetrasodium Salt (EDTA Na <sub>4</sub> )	30%	
68-04-2	Sodium Citrate	10%	

**Section 4. First-Aid Measures****Description of First Aid Measures****In the event of splashes or contact with eyes**

Hold eyelids open to ensure adequate flushing. Immediately flush with clean, low-pressure water for several minutes. Immediately seek medical attention. Remove the contact lenses if worn and easy to do that.

**In the event of splashes or contact with skin**

Wash contaminated areas thoroughly with water. If redness or other symptoms occur, seek medical advice / attention.

**In the event of ingestion**

Immediately call a poison center, doctor, or medical service. In case of ingestion of large quantities immediately take the exposed person to hospital. Rinse the mouth with water. DO NOT INDUCE VOMITING.

**In the event of inhalation**

If after inhalation you feel unwell, seek medical advice. Remove person to fresh air and keep at rest in a position comfortable for breathing.

**Most important symptoms and effects, both acute and delayed**

No available data for this section.

**Indication of any immediate medical attention and special treatment needed**

No available data for this section.

## Section 5. Firefighting Measures

### Extinguishing media

#### Suitable Extinguishing Media

The suggested appropriate media: Alcohol-type or universal-type foams. Carbon dioxide. Dry chemical.

The product is not flammable or combustible.

#### Unsuitable Extinguishing Media

No available data for this section.

### Special hazards arising from the substance or mixture

#### Specific Hazards Arising from Combustion of Products

**Fire / decomposition hazards:** Gas, vapors, or dust are harmful. Gas, vapors, or dust are irritating to skin and eyes. Gas, vapors, or dust can damage eyes. Toxic gases.

#### Combustion Products

Oxides of carbon (CO<sub>x</sub>).

### Advice for firefighters

#### Protective Measures for Fire-Fighting

Wear self-contained breathing apparatus.

#### Special Protective Actions for Fire-Fighters

No available data for this section.

#### Other Information for Fire Fighters

No available data for this section.

## Section 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Ventilate spill area. Wear protective gloves, clothing, and protective goggles to prevent contact with skin and eyes.

### Environmental precautions

Do not discharge into drains or any body of water (rivers, streams, ponds, lakes, etc). Prevent contamination of soil and surface water.

### Methods and material for containment and cleaning up

Pick up and place in a suitable container for reclamation or disposal.

### Reference to other sections

No available data for this section.

## Section 7. Handling and Storage

### Precautions for safe handling

Keep container tightly closed. Protect against physical damage. Eye wash stations and showers are recommended in areas where product is stored in large quantities. For small volume use, ensure there is a sink nearby which employees can use to flush their eyes and skin appropriately in the event of accidental exposure.

### Conditions for safe storage, including any incompatibilities

#### Conditions for Safe Storage

**Storage Temperature:** > 5°C.

**Keep away from:** Direct sunlight.

Keep container tightly closed. Store in a cool, dry, well-ventilated area away from incompatible substances (See section 10).

### Suitable Packaging

Store in original container / packaging.

### Incompatible Materials

No available data for this section.

### Specific end use(s)

No available data for this section.

## Section 8. Exposure Controls / Personal Protection

### Control parameters

#### Control Parameters / Limits for Product

No available data for this section.

#### Control Parameters / Limits for Component

##### Ethylenediaminetetraacetic Acid, Tetrasodium Salt (EDTA Na<sub>4</sub>)

<b>STEL</b>	2.5 mg/m <sup>3</sup> Inhalation, Long-term (repeated)
	25 mg/m <sup>3</sup> (24h), Oral, Long-Term (repeated)
	1.5 mg/m <sup>3</sup> Inhalation, Short-Term (acute)
	1.5 mg/m <sup>3</sup> Inhalation, Long-term (repeated)

##### Sodium Citrate

###### ACGIH

###### TLV

10 mg/m<sup>3</sup> total dust containing no asbestos and <1% crystalline silica for Particulates

###### OSHA

###### PEL

5 mg/m<sup>3</sup> Reparable fraction for nuisance dusts  
15 mg/m<sup>3</sup> Total dust

## Exposure controls

### Engineering Measures

Eye wash stations and showers are recommended in areas where product is stored in large quantities. For small volume use, ensure there is a sink nearby which employees can use to flush their eyes and skin appropriately in the event of accidental exposure.

### Respiratory Protection

Respiratory protection is required if the concentrations exceed the TLV. Certified self-contained breathing apparatus must be available in case of emergency.

### Eye/Face Protection

Wear safety goggles. In industrial plants or large production areas, ensure eye-wash stations are available. For use in small settings or offices, a procedure and training for washing eyes in a sink is recommended.

### Skin and Body Protection

Wear appropriate chemical resistant clothing.

### Hand Protection

Ensure gloves are certified. Wear impermeable gloves.

## Hygiene Measures

No available data for this section.

## Environmental exposure controls

No available data for this section.

## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Clear
Odor	Mild Characteristic Odor
Odor threshold	Not available
pH	13
Melting point	Lesser than 0°C / 32°F
Boiling point	Greater than 100°C / 212°F
Flash Point	Not available
Evaporation rate	Lesser than 1 multiplier w/r/t butyl acetate
Flammability	Non-flammable
Flammability limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.13 multiplier w/r/t water
Solubility	Very soluble
Solubility in other solvents	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Freezing point	Not available
Percent volatiles	70 to 75 %vol

## Other Information

No available data for this section.

## Section 10. Chemical Stability & Reactivity Information

### Reactivity

No available data for this section.

### Chemical Stability

This product is stable under ambient condition.

### Possibility of Hazardous Reactions

The product decomposes in high temperatures and produces toxic gas or vapor.

### Conditions to Avoid

**Keep away from:** Direct sunlight. Fire. Heat.

## Incompatible Materials

**Avoid contact or storage with:** Aluminum Materials. Strong acids. Strong bases. Strong oxidizers. Zinc materials.

## Hazardous Decomposition Products

**Decomposition will Result in Production of:** Oxides of carbon (CO<sub>x</sub>).

## Section 11. Toxicological Information

### Information on toxicological effects

#### Toxicological Information for Product

No available data for this section.

#### Toxicological Information for Component

Sodium Citrate

**LD50 Oral** Greater than 8000 mg/kg.

Ethylenediaminetetraacetic Acid, Tetrasodium Salt (EDTA Na<sub>4</sub>)

**LD50 Oral** 1000 to 2000 mg/kg Rat.

#### Irritation/Corrosion Information for Product

No available data for this section.

#### Irritation/Corrosion Information for Component

Ethylenediaminetetraacetic Acid, Tetrasodium Salt (EDTA Na<sub>4</sub>)

**Repeated Dose Toxicity:** 1125 mg/kg/day NOAEL 1 month diet, Rat. 500 mg/kg/day (1%) NOAEL 90 days, Rat, Male.

**Eyes:** Rabbit, Irritant.

**Skin:** Rabbit, weak irritant.

## Section 12. Ecological Information

### Toxicity

#### Ecotoxicity Values for Product

No available data for this section.

#### Ecotoxicity Values for Component

Sodium Citrate

**EC50** 18000 to 32000 mg/l (96h), Fresh Water Algae, Chlorella vulgaris.

**LC50 Environmental** 18000 to 32000 mg/l (96h), Fish, Poecilia reticulata.

Ethylenediaminetetraacetic Acid, Tetrasodium Salt (EDTA Na<sub>4</sub>)

**LC50 Environmental** 490 mg/l (96h), Fish, Bluegill Sunfish.

951 mg/l (96h), Lepomis macrochirus (Bluegill).

### Persistence and degradability

No available data for this section.

### Bioaccumulative potential

#### Bioaccumulative Potential for Product

No available data for this section.

### Bioaccumulative Potential for Component

No available data for this section.

### Mobility in soil

No available data for this section.

### Results of PBT and vPvB assessment

No available data for this section.

### Other adverse effects

No available data for this section.

## Section 13. Disposal Considerations

### Waste treatment methods

#### Waste Disposal Regulation(s) / Operation

Disposal, treatment or recycling of industrial waste must comply with applicable regulations to preserve the environment.

#### Waste Treatment Methods

No available data for this section.

## Section 14. Transportation Information

	ADR	IMDG	IATA	DOT
UN number	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
UN proper shipping name	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Transport hazard class(es)	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Packing group	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Environmental hazards	No available data for this section.	No available data for this section.	No available data for this section.	No available data for this section.
Special precautions for user	No available data for this section.			
Transport in bulk according to Annex II of Marpol and the IBC Code	No available data for this section.			
Other	This product is not regulated for transport			

## Section 15. Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Safety, Health and Environmental Regulations for Product

No available data for this section.

## Safety, Health and Environmental Regulations for Component

### Ethylenediaminetetraacetic Acid, Tetrasodium Salt (EDTA Na4)

<b>WHMIS (Canada):</b>	D2B Toxic Material Causing other Toxic Effects. Moderate Skin Irritant. Moderate respiratory irritant. Moderate eye irritant.
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### Sodium Citrate

<b>EINECS:</b>	200-675-3.
<b>DSL (Canada):</b>	Present.
<b>TSCA:</b>	Present.
<b>NDSL:</b>	Not present.
<b>SARA 313:</b>	Not present.

## Chemical safety assessment

No available data for this section.

## Section 16. Other Information

### Disclaimer

The above information is accurate to the best of our knowledge, however since data, safety standards and government regulations change, and the conditions of handling and use or misuse are beyond our control, manufacturer and distributor, above mentioned, make no warranty either expressed or implied with respect to the completeness or continuing accuracy of information herein and disclaims all liability for reliance thereon. Do not use ingredient information and / or ingredient percentages in this SDS as a product specification.

### Glossary

**ACGIH:** American Conference of Governmental Industrial Hygienists.

**DOT:** Department of Transportation, USA.

**LC 50:** Lethal Concentration which is lethal to 50% of the population.

**LD 50:** Lethal Dose which is lethal to 50% of the population.

**N/A:** Not applicable.

**N/AV:** Not available.

**N/D:** Not determined.

**OSHA:** US Occupational Safety and Health Administration, US Department of Labor.

**PEL:** Permissible Exposure Limit.

**TLV:** Threshold Limit Value.

**TWA:** Time Weighted Average.

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