

SAFETY DATA SHEET

MORE POWER

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Revision: 07/10/2020

Supersedes Revision: 12/02/2019

1. Product and Company Identification

Product Code: Z-MPOWER
Product Name: MORE POWER
Trade Name: MORE POWER
Company Name: Stoller
9090 Katy Freeway
Suite 400
Houston, TX 77024
Phone Number:
1 (713)461-1493
Web site address: www.stollerusa.com
Email address: compliance@stollerusa.com
Emergency Contact: CHEMTREC, In the US and Canada call 1 (800)424-9300
CHEMTREC, From other countries call +1 (703)527-3887
Information: 1 (800)539-5283

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A

Acute Toxicity: Skin, Category 5

Acute Toxicity: Inhalation, Category 4

Acute Toxicity: Oral, Category 5

Corrosive To Metals, Category 1

Acute Toxicity: Skin, Category 4



GHS Signal Word:

Warning

GHS Hazard Phrases:

H290 - May be corrosive to metals.
H303 - May be harmful if swallowed.
H312 - Harmful in contact with skin.
H313 - May be harmful in contact with skin.
H319 - May cause eye irritation.
H332 - Harmful if inhaled.

GHS Precautionary Phrases:

P234 - Keep only in original container.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P337+313 - If eye irritation persists, get medical advice/attention.
P362+364 - Take off contaminated clothing and wash it before reuse.
P390 - Absorb spillage to prevent material damage.

GHS Storage and Disposal Phrases:

P501 - Dispose of contents/container to treatment at a permitted facility or as advised by your local regulatory authority.

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Potential Health Effects (Acute and Chronic):	Chronic: Effects may be delayed.
Inhalation:	May cause severe irritation of the upper respiratory tract with pain, burns, and inflammation. May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.
Skin Contact:	Contact with skin causes irritation and possible burns, especially if the skin is wet or moist. May cause skin irritation.
Eye Contact:	Contact with eyes may cause severe irritation, and possible eye burns. May cause eye irritation.
Ingestion:	May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns. May be harmful if swallowed. The toxicological properties of this substance have not been fully investigated.

3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)	Concentration	RTECS #
22691-02-7	Calcium Chloride	<20.0 %	EV9800000
7647-01-0	Hydrochloric acid	< 0.3 %	MW4025000

4. First Aid Measures

Emergency and First Aid Procedures:	Victims of severe exposure to chemicals must be taken to health providing centers for medical attention. If necessary, also rescuers must be attended. Always bring with victim a copy of label and SDS of product to health professional.
In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. Move patient to fresh air. Supplemental oxygen may be needed. Assure mucous does not obstruct airway. Seek medical attention if victim's breathing is difficult.
In Case of Skin Contact:	Wash off product from affected area with abundant soap and water. Remove contaminated clothing, taking care not to impregnate eyes. Seek medical attention if irritation occurs.
In Case of Eye Contact:	Holding eyelids apart, immediately flush eyes with copious amounts of clean water for at least 15 minutes. Seek medical attention should severe irritation occur.
In Case of Ingestion:	Immediately contact a physician or poison control center for treatment advice. Victim should drink milk, egg whites or large quantities of water. DO NOT INDUCE VOMITING. Never give anything by mouth to someone who is unconscious, having convulsions, or unable to swallow.
Note to Physician:	Treat symptomatically and supportively.

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5. Fire Fighting Measures

Flash Pt:	N.A.
Explosive Limits:	LEL: N.A. UEL: N.A.
Autoignition Pt:	N.A.
Suitable Extinguishing Media:	Product is non-flammable. Use any means suitable to fight surrounding fire.
Fire Fighting Instructions:	None specific for this product, however, it is suggested that firefighters wear self-contained breathing apparatus (SCBA) and full protective equipment, such as chemical resistant clothing.
Flammable Properties and Hazards:	Not an explosion hazard. Possible toxic fumes under fire conditions.
Hazardous Combustion Products:	No data available.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	In case of a large spill, immediately protect people by evacuating all non-trained personnel and any general public. Isolate the area. Such releases should be responded to by trained personnel using pre-planned procedures. In the event of an incidental release, minimum Personal Protective Equipment must be worn: latex or rubber gloves and boots, goggles or full face-shield, vapors respirator and coveralls or long sleeved shirt and pants.
Steps To Be Taken In Case Material Is Released Or Spilled:	It is necessary to contain the spill into the smallest area possible by diking, scooping, enclosing, etc., placing recovered liquid into an appropriate container and labeling it accordingly. If liquid is absorbed onto a dry carrier such as sand or other absorbent material, then it should be put in covered, labeled containers and disposed of as dry waste in accordance with Federal, State and Local waste disposal regulations.

7. Handling and Storage

Precautions To Be Taken in Handling:	All personnel who handle this material should be trained to work with it safely. Avoid contact with eyes, skin, or clothing. Avoid breathing vapors or mist; use in well-ventilated location or wear a respirator. Wash thoroughly after handling. Empty containers may contain residual liquid or vapors, therefore, should also be handled with care.
Precautions To Be Taken in Storing:	Store in a cool, dry place, away from direct sunlight, sources of intense heat or where freezing is possible. Store away from food, feed, clothing materials and living quarters. Whenever possible, place chemicals on secondary containers or diked area. Inspect all incoming containers before storage to ensure all are properly labeled and not damaged. Keep containers tightly closed when not in use. Product must be kept in its original container, if repackaging for any reason, use vented caps. Keep away from children and domestic animals.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
22691-02-7	Calcium Chloride	No data.	TLV: 10 mg/m ³	No data.
7647-01-0	Hydrochloric acid	CEIL: 5 ppm	CEIL: 2 ppm	No data.

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Respiratory Equipment (Specify Type):	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/OSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Eye Protection:	Wear a NIOSH/OSHA approved respirator with organic vapors cartridge.
Protective Gloves:	Safety glasses should be worn in any type of operation with chemicals.
Other Protective Clothing:	Protective gloves.
Engineering Controls (Ventilation etc.):	Long-sleeved shirt, long pants and protective shoes should be worn as a good safety practice.
Work/Hygienic/Maintenance Practices:	General ventilation is usually adequate. Local exhaust as well as ventilation fans could be used for safer, comfortable working conditions. An eye bath and washing facilities should be readily available.
	As a general rule, do not eat, drink, smoke, and/or chew gum or tobacco when handling chemicals. Wash thoroughly after handling this product.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear yellow color. Characteristic, stingy odor.
pH:	< 2.0
Melting Point:	N.E.
Boiling Point:	N.E.
Flash Pt:	N.A.
Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.A. UEL: N.A.
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.
Specific Gravity (Water = 1):	1.15 - 1.19
Density:	~ 9.8 LB/GA
Solubility in Water:	No data.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	N.A.
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	None known.
Incompatibility - Materials To Avoid:	May react with sulfuric acid, ferrous metals.
Hazardous Decomposition or Byproducts:	Toxic fumes under fire conditions.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid -	No data available.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information:	Mutagenicity: Mutagenic effects have occurred in experimental animals.
	Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.
	Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.
	Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans.
	Reproductive Toxicity: The components of this product are not reported to produce toxic reproductive effects in humans.
Carcinogenicity/Other Information:	CAS# 10043-52-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
	No component is listed as a carcinogenic by IARC, NTP, OSHA, and ACGIH.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information:	The available data on this material does not indicate any undue hazard to the environment under anticipated use and storage. All work practices must be aimed at preventing environmental contamination. Any waste due to spillage or leakage should be contained and disposed of accordingly, see above under Section 6 "Accidental Release Measures."
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13. Disposal Considerations

Waste Disposal Method:	Waste disposal must be done following all Federal, State and Local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local waste regulatory authority.
	Empty containers may have residues (liquid and/or fumes), thus handle them with care. Dispose properly accordingly to regulations on empty containers in your locality or make available to a container reconditioning facility for recycling.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:	Hydrochloric acid, solution.		
DOT Hazard Class:	8	CORROSIVE	
UN/NA Number:	UN1789	Packing Group:	III



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LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Hydrochloric acid, solution.
UN Number: 1789
Hazard Class: 8 - CORROSIVE

Packing Group: III

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Hydrochloric acid, solution.
UN Number: 1789
Hazard Class: 8 - CORROSIVE

Packing Group: III

IMDG MFAG Number: N/A

IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Hydrochloric acid, solution.
UN Number: 1789
Hazard Class: 8 - CORROSIVE

Packing Group: III

Additional Transport Information: Placards / Markings: N/A

HazChem Code: N/A

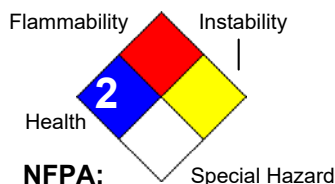
15. Regulatory Information

Regulatory Information: TSCA Inventory: In compliance with inventory requirements for commercial purposes.

16. Other Information

Revision Date: 07/10/2020

Hazard Rating System:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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