

Section 2. Hazards identification

Precautionary statements

Prevention	: MegaMan Library Control Primer Set	Not applicable. Not applicable.
Response	: MegaMan Library Control Primer Set	Not applicable. Not applicable.
Storage	: MegaMan Library Control Primer Set	Not applicable. Not applicable.
Disposal	: MegaMan Library Control Primer Set	Not applicable. Not applicable.
Supplemental label elements	: MegaMan Library Control Primer Set	None known. None known.

2.3 Other hazards

Hazards not otherwise classified	: MegaMan Library Control Primer Set	None known. None known.
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Section 3. Composition/information on ingredients

Substance/mixture	: MegaMan Library Control Primer Set	Mixture Mixture
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Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

4.1 Description of necessary first aid measures

Eye contact	: MegaMan Library Control Primer Set	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: MegaMan Library Control Primer Set	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: MegaMan Library Control Primer Set	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Section 4. First aid measures

Ingestion	: MegaMan Library Control Primer Set	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
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4.2 Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	: MegaMan Library Control Primer Set	No specific data. No specific data.
Inhalation	: MegaMan Library Control Primer Set	No specific data. No specific data.
Skin contact	: MegaMan Library Control Primer Set	No specific data. No specific data.
Ingestion	: MegaMan Library Control Primer Set	No specific data. No specific data.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: MegaMan Library Control Primer Set	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: MegaMan Library Control Primer Set	No specific treatment. No specific treatment.
Protection of first-aiders	: MegaMan Library Control Primer Set	No action shall be taken involving any personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	: MegaMan Library Control Primer Set	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: MegaMan Library Control Primer Set	None known. None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards arising from the chemical	: MegaMan Library Control Primer Set	In a fire or if heated, a pressure increase will occur and the container may burst. In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products	: No specific data.	

5.3 Advice for firefighters

Special protective actions for fire-fighters	: MegaMan Library Control Primer Set	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	: MegaMan Library Control Primer Set	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders	: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

: MegaMan Library	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Control Primer Set	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Section 6. Accidental release measures

6.3 Methods and materials for containment and cleaning up

MegaMan Library	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Control Primer Set	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures	: MegaMan Library	Put on appropriate personal protective equipment (see Section 8).
	Control Primer Set	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.	

7.2 Conditions for safe storage, including any incompatibilities

: MegaMan Library	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Control Primer Set	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Recommendations	: MegaMan Library	Industrial applications, Professional applications.
	Control Primer Set	Industrial applications, Professional applications.
Industrial sector specific solutions	: Not applicable.	

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

None.

8.2 Exposure controls

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: MegaMan Library Control Primer Set	Liquid. Liquid.
Color	: MegaMan Library Control Primer Set	Not available. Not available.
Odor	: MegaMan Library Control Primer Set	Not available. Not available.
Odor threshold	: MegaMan Library Control Primer Set	Not available. Not available.
pH	:	

Section 9. Physical and chemical properties

	MegaMan Library	8
	Control Primer Set	7.5
Melting point	: MegaMan Library	0°C (32°F)
	Control Primer Set	0°C (32°F)
Boiling point	: MegaMan Library	100°C (212°F)
	Control Primer Set	100°C (212°F)
Flash point	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Evaporation rate	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Flammability (solid, gas)	: MegaMan Library	Not applicable.
	Control Primer Set	Not applicable.
Lower and upper explosive (flammable) limits	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Vapor pressure	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Vapor density	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Relative density	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Solubility	: MegaMan Library	Easily soluble in the following materials: cold water and hot water.
	Control Primer Set	Easily soluble in the following materials: cold water and hot water.
Solubility in water	: Not available.	
Partition coefficient: n-octanol/water	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Auto-ignition temperature	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Decomposition temperature	: MegaMan Library	Not available.
	Control Primer Set	Not available.
Viscosity	: MegaMan Library	Not available.
	Control Primer Set	Not available.

Section 10. Stability and reactivity

10.1 Reactivity	: MegaMan Library	No specific test data related to reactivity available for this product or its ingredients.
	Control Primer Set	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: MegaMan Library	The product is stable.
	Control Primer Set	The product is stable.
10.3 Possibility of hazardous reactions	: MegaMan Library	Under normal conditions of storage and use, hazardous reactions will not occur.
	Control Primer Set	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: MegaMan Library	No specific data.
	Control Primer Set	No specific data.

Section 10. Stability and reactivity

10.5 Incompatible materials	: MegaMan Library Control Primer Set	No specific data. No specific data.
10.6 Hazardous decomposition products	: MegaMan Library Control Primer Set	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Inhalation	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Skin contact	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Ingestion	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.

Section 11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: MegaMan Library Control Primer Set	No specific data. No specific data.
Inhalation	: MegaMan Library Control Primer Set	No specific data. No specific data.
Skin contact	: MegaMan Library Control Primer Set	No specific data. No specific data.
Ingestion	: MegaMan Library Control Primer Set	No specific data. No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Long term exposure

Potential immediate effects	: Not available.
Potential delayed effects	: Not available.

Potential chronic health effects

Not available.

General	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Carcinogenicity	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Mutagenicity	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Teratogenicity	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Developmental effects	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.
Fertility effects	: MegaMan Library Control Primer Set	No known significant effects or critical hazards. No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Other information	: MegaMan Library Control Primer Set	Not available. Not available.
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Section 12. Ecological information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available.

Section 12. Ecological information

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

12.5 Other adverse effects : MegaMan Library Control Primer Set No known significant effects or critical hazards.
No known significant effects or critical hazards.

Section 13. Disposal considerations

13.1 Waste treatment methods

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14. Transport information

Regulatory information

DOT / IMDG / IATA : Not regulated.

Section 15. Regulatory information

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

U.S. Federal regulations : **United States inventory (TSCA 8b)**: All components are listed or exempted.
Clean Water Act (CWA) 311: Edetic acid

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

Section 15. Regulatory information

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Not applicable.

Composition/information on ingredients

No products were found.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

Pennsylvania : None of the components are listed.

California Prop. 65

No products were found.

Canada inventory : All components are listed or exempted.

International regulations

International lists :

- Australia inventory (AICS)**: All components are listed or exempted.
- China inventory (IECSC)**: All components are listed or exempted.
- Japan inventory**: All components are listed or exempted.
- Korea inventory**: All components are listed or exempted.
- Malaysia Inventory (EHS Register)**: Not determined.
- New Zealand Inventory of Chemicals (NZIoC)**: All components are listed or exempted.
- Philippines inventory (PICCS)**: All components are listed or exempted.
- Taiwan inventory (CSNN)**: Not determined.

Chemical Weapons Convention List Schedule I Chemicals : Not listed

Chemical Weapons Convention List Schedule II Chemicals : Not listed

Chemical Weapons Convention List Schedule III Chemicals : Not listed

Section 16. Other information

History

Date of issue : 09/04/2014.

Date of previous issue : 06/21/2012.

Version : 3

✔ Indicates information that has changed from previously issued version.

Notice to reader

Section 16. Other information

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