



MARTRON INC. SAFETY DATA SHEET MARTRON 700-EE

1. IDENTIFICATION

Product Identifier

Product Name MARTRON 700-EE
Product Number MFC-005005

Other Means of Identification

UN/ID Number UN1760
Synonyms None

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Hard coat additive
Uses Advised Against No information available

Supplier and Address

Martron Inc.
1394-A Walkup Ave
Monroe, NC 28110
704-289-1934

Website

www.martroninc.com

Emergency Number

CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

Label Elements



Signal Word

DANGER

Hazard Statements

Causes severe skin burns and eye damage.
Causes skin irritation.
Causes eye irritation.

Precautionary Statements

Prevention

Use only in a well-ventilated area.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

Specific treatment is urgent (see Section 4 on this label).

Immediately call a POISON CENTER or doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Dispose of contents/container to an approved waste disposal plant in accordance with all Federal, State, and Local regulations.

Hazards not Otherwise Classified (HNOC)

Not applicable

Other Information

May be harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Chemical Name	CAS #	Weight - %	Trade Secret
Hydroxy Acetic Acid – 70%	79-14-1	40-70	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of First Aid Measures**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

Inhalation

Remove victim to fresh air or supply oxygen. Administer artificial respiration if victim is unconscious. Seek medical attention if victim is unconscious. Seek medical attention if victim is overcome by vapors or breathing difficulty persists.

Ingestion

Seek medical attention immediately. If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting. If victim begins to vomit involuntarily, keep head below hips to prevent aspiration. Monitor for breathing difficulty.

Most Important Symptoms and Effects, Both Acute and Delayed**Symptoms**

No Information Available

Indication of any Immediate Medical Attention and Special Treatment Needed**Note to physicians**

Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

Product will not burn. Water may be used to cool fire-exposed containers. Wear self-controlled breathing apparatus with full face piece.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising From the Chemical

No Information Available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas.

Environmental Precautions

See Section 12 for additional Ecological Information.

Methods and Material for Containment and Cleanup

Methods for Containment

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general purpose binder). Dispose of absorbed material in accordance with regulations. Large spills: Stop the flow of material if this is without risk. Dike the spilled material where this is possible. Absorb in vermiculite, dry sand or earth, and place into containers. Prevent entry into waterways, sewer, basements, or confined areas. Following product recovery, flush area with water. Collect contaminated extinguishing water separately. Do not allow to reach sewage or effluent systems.

Methods for Cleanup

Pick up and transfer to properly labeled containers.

7. HANDLING and STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Keep container closed when not in use. Store at room temperature in well ventilated areas. Prevent product from freezing. Follow Safety Data Sheet (SDS) and label warnings even after package is empty.

Do not cut, puncture, or weld empty container. Not for use in pressure washing equipment. Product applications which generate dust, mist, or fumes may require exposure limit modification. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

None known based on information supplied.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters Exposure Guidelines

Appropriate Engineering Controls

Engineering Controls

Showers. Eyewash stations. Ventilation systems.

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection

Wear safety glasses with side shields (or goggles).

Skin and Body Protection

Wear protective gloves and protective clothing.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL and CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Colorless to light amber
Odor	Pungent
Color	No Information Available
Odor Threshold	No Information Available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Ph	1.0	
Melting Point/Freezing Point	No Information Available	
Boiling Point/Boiling Range	> 212°F	
Flash Point	> 300°F	
Evaporation Rate	No Information Available	
Flammability (solid, gas)	No Information Available	
Flammability Limit in Air		
Upper Flammability Limit:	No Information Available	
Lower Flammability Limit:	No Information Available	
Vapor Pressure	No Information Available	
Vapor Density	No Information Available	
Relative Density	1.2542	
Water Solubility	No Information Available	
Solubility in Other Solvents	No Information Available	
Partition Coefficient	No Information Available	
Auto-Ignition Temperature	No Information Available	
Decomposition Temperature	No Information Available	
Kinematic Viscosity	No Information Available	
Dynamic Viscosity	No Information Available	
Explosive Properties	No Information Available	
Oxidizing Properties	No Information Available	

Other Information

Softening Point	No Information Available
Molecular Weight	No Information Available

VOC Content (%)	No Information Available
Density	No Information Available
Bulk Density	No Information Available

10. STABILITY and REACTIVITY

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

Carbon oxides. Steam. Hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

No data available

Inhalation

Harmful by inhalation.

Eye Contact

Corrosive, prevent contact.

Skin Contact

Irritating to skin. Avoid contact with skin.

Ingestion

Harmful if swallowed.

Component Information

Caution - substance not yet tested completely

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hydroxy Acetic Acid – 70% 79-14-1	= 1950 mg/kg (Rat)		= 7100 µg/m ³ (Rat) 4 h

Information on Toxicological Effects

Symptoms

No Information Available

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long-term Exposure

Sensitization

No Information Available

Germ Cell Mutagenicity

No Information Available

Carcinogenicity

No Information Available

Reproductive Toxicity

No Information Available

STOT - Single Exposure

No Information Available

STOT - Repeated Exposure

No Information Available

Aspiration Hazard

No Information Available

Numerical Measures of Toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Hydroxy Acetic Acid – 70% 79-14-1	-	5000: 96 h Brachydanio rerio mg/L LC50 static	-

Persistence and Degradability

No Information Available

Bio-Accumulation

No Information Available

Chemical Name	Partition Coefficient
Hydroxy Acetic Acid – 70% 79-14-1	-1.11

Other Adverse Effects

No Information Available

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Do not reuse container.

14. TRANSPORT INFORMATION**DOT****UN/ID Number**

UN1760

Proper Shipping Name

Corrosive liquid, N.O.S.

Hazard Class

8

Packing Group	II
Special Provisions	B2, IB2, TII, TP2, TP27
Description	UN1760, Corrosive liquid, N.O.S., (Hydroxy Acetic Acid- 70%), 8, II
Emergency Response Guide Number	154

TDG

UN/ID Number	UN1760
Proper Shipping Name	Corrosive liquid, N.O.S.
Hazard Class	8
Packing Group	II
Description	UN1760, Corrosive liquid, N.O.S., 8, II

MEX

UN/ID Number	UN1760
Proper Shipping Name	Corrosive liquid, N.O.S.
Hazard Class	8
Packing Group	II
Description	UN1760, Corrosive liquid, N.O.S., 8, II

ICAO (Air)

UN/ID Number	UN1760
Proper Shipping Name	Corrosive liquid, N.O.S.
Hazard Class	8
Packing Group	II
Special Provisions	A3
Description	UN1760, Corrosive liquid, N.O.S., 8, II

IATA

UN/ID Number	UN1760
Proper Shipping Name	Corrosive liquid, N.O.S.*
Hazard Class	8
Packing Group	II
ERG Code	8L
Special Provisions	A3, A803
Description	UN1760, Corrosive liquid, N.O.S. *, 8, II

IMDG

UN/ID Number	UN1760
Proper Shipping Name	Corrosive liquid, N.O.S.*
Hazard Class	8
Packing Group	II
EmS-No.	F-A, S-B
Special Provisions	274
Description	UN1760, Corrosive liquid, N.O.S.* , 8, II

RID

UN/ID Number	UN1760
Proper Shipping Name	Corrosive liquid, N.O.S.
Hazard Class	8
Packing Group	II
Classification Code	C9
Description	UN1760, Corrosive liquid, N.O.S., 8, II

ADR

UN/ID Number	UN1760
Proper Shipping Name	Corrosive liquid, N.O.S.
Hazard Class	8
Packing Group	II
Classification Code	C9
Tunnel restriction Code	(E)
Special Provisions	274

Description UN1760, Corrosive liquid, N.O.S., 8, II, (E)
 Labels 8

ADN

Proper Shipping Name Corrosive liquid, N.O.S.
 Hazard Class 8
 Packing Group II
 Classification Code C9
 Special Provisions 274
 Description UN1760, Corrosive liquid, N.O.S., 8, II
 Hazard Label(s) 8
 Limited Quantity (LQ) 1 L

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311 / 312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

US State Right-to-Know Regulations**US EPA Label Information****EPA Pesticide Registration Number**

Not applicable

16. OTHER INFORMATION**NFPA**

Health Hazards	3
Flammability	0
Instability	0

HMIS

Health Hazards	3
Flammability	0
Physical Hazards	0
Personal Protection	D

Issue Date	04/22/2015
Revision Date	06/09/2015
Revision Note	No Information Available

Disclaimer

The information provided in this Safety Data Sheet (SDS) 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.