



MARTRON INC. SAFETY DATA SHEET MARTRON ZN370 MU

Section 1: PRODUCT and COMPANY IDENTIFICATION

Product Identifier

Product Name MARTRON ZN370 MU
Product Number MFC-003038

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use Refer to the *Martron Inc.* Technical Data Bulletin for this product.
For industrial use, only.

Details of the Supplier

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

Website

www.martroninc.com

Emergency Number

CHEMTREC 800-424-9300

Section 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Classification according to 67/548/EEC
Full text of R-phrases: see Section 16

Hazard Symbols

Not dangerous

Label Elements

Other Hazards

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

Chemical Nature

This product, as supplied, does not contain any hazardous materials.

Full Text of R-Phrases See Section 16

Full Text of H- and EUH-Phrases See Section 16

Section 4: FIRST AID MEASURES

Description of First Aid Measures

Inhalation

Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Eye Contact

Immediately flush eyes in a directed stream of water for at least 15 minutes while lifting the upper and lower eyelids intermittently to ensure complete irrigation. Get medical attention immediately.

Ingestion

If conscious and alert, rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Self-Protection of the First Aider

Use personal protective equipment as required.

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

May cause irritation of respiratory tract. Moderately irritating to the eyes. Prolonged skin contact may cause redness and irritation. Harmful if swallowed.

Indication of Any Immediate Medical Attention and Special Treatment Needed**Note to Physicians**

Keep victim under observation. Treat symptomatically.

Section 5: FIREFIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Use extinguishing material suitable for surrounding fire. Water spray, foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

No information available.

Special Hazards Arising from the Substance or Mixture

Keep product and empty container away from heat and sources of ignition. If involved in a fire, product may generate irritating and toxic gases.

Advice for Firefighters

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece when fighting chemical fires. Move containers from fire area if it can be done without risk.

Section 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures****Personal Precautions**

Use personal protective equipment as required. Do not touch or walk through spilled material. Avoid contact with skin, eyes and inhalation of vapors.

For Emergency Responders

Use personal protection recommended in Section 8.

Environmental Precautions

Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. Should not be released into the environment.

Methods and Material for Containment and Cleanup**Methods for Containment**

Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so.

Methods for Cleanup

Ventilate area. Wear protective equipment. Absorb spill with inert absorbent and place in a DOT-approved waste container. Prevent runoff from entering surface water. Comply with all regulations on spill reporting.

Reference to Other Sections**Other Information**

See Section 12: Ecological Information.

Section 7: HANDLING and STORAGE**Precautions for Safe Handling****Advice on Safe Handling**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Add product slowly to avoid splashing.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage, Including Any Incompatibilities**Storage Conditions**

Store indoors in a cool dry area. Keep container closed. Keep in properly labeled containers. Keep from freezing.

Specific End Use(s)**Risk Management Measures**

The information required is contained in this Safety Data Sheet (SDS).

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

No information available.

Engineering Controls

Eyewash stations. Showers. A system of local and/or general exhaust is recommended to keep employee exposures below the airborne exposure limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protective Equipment (PPE)**Eye/Face Protection**

Wear safety glasses with side shields (or goggles). It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury.

Skin Protection

Wear chemical resistant gloves such as butyl rubber, natural rubber, neoprene or nitrile. Wear suitable protective clothing and protective shoes or boots.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL and CHEMICAL PROPERTIES**Information on Basic Physical and Chemical Properties**

Physical State	Liquid
Appearance	Clear, slight yellow
Odor	Slight
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Approx. 6	
Melting Point/Freezing Point	Not established	
Boiling Point/Boiling Range	Not established	
Flash Point	Not applicable	
Evaporation Rate	Not established	
Flammability (solid, gas)	Not applicable	
Flammability Limits in Air		
Upper Flammability Limit	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not established	
Vapor Density	Not established	
Specific Gravity	1.04 - 1.08	
Water Solubility	Completely soluble	
Solubility(ies)	No information available	
Partition Coefficient		
(n-octanol/water)	No information available	
Auto-Ignition Temperature	Not applicable	
Decomposition Temperature	Not applicable	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
 <u>Other Information</u>		
VOC Content (%)	No information available	

Section 10: STABILITY and REACTIVITY

Reactivity

Stable at normal temperatures and pressure.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous Polymerization

Hazardous polymerization does not occur.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Avoid storage with incompatible materials, freezing temperatures and excessive heat.

Incompatible Materials

Strong acids. Strong alkalis.

Hazardous Decomposition Products

Thermal decomposition may generate carbon monoxide, carbon dioxide, oxides of sulfur, smoke and fumes.

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Inhalation

May cause irritation of respiratory tract.

Eye Contact

Moderately irritating to the eyes.

Skin Contact

Prolonged contact may cause redness and irritation.

Ingestion

Harmful if swallowed. Ingestion may cause irritation to mucous membranes

Chronic Toxicity

None known

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Target Organ Effects

Eyes, Skin

Section 12: ECOLOGICAL INFORMATION**Toxicity****Ecotoxicity**

No information available.

Persistence and Degradability

No information available.

Bio-Accumulative Potential

No information available.

Mobility in Soil

No information available.

Results of PBT and vPvB Assessment

No information available.

Other Adverse Effects

No information available.

Section 13: DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Waste from Residues/Unused Products**

Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Do not discharge into waterways or sewer systems. Disposal will depend on the nature of waste material.

Contaminated Packaging

Since empty containers retain product residues, all labeled hazardous precautions must be observed. Improper disposal or reuse of this container may be dangerous and illegal.

Waste Codes/Waste Designations According to EWC/AVV

Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION**DOT (US)**

Not regulated

IMDG

Not regulated

IATA

Not regulated

Section 15: REGULATORY INFORMATION**International Inventories**

All of the components in this product are on or exempt from the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Japan (ENCS), China (IECSC), Korea (ECL), Philippines (PICCS), Australia (AICS)

International Inventory 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)

CAA (Clean Air Act), Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act.

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

No information available

International Regulations**Mexico - Grade**

No information available.

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Section 16: OTHER INFORMATION**Full Text of R-Phrases Referred to Under Sections 2 and 3**

No information available

Issue Date	30-Jul-2014
Revision Date	Not Applicable
Revision Note	Not Applicable.

This Safety Data Sheet (SDS) complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

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