

MT-101

RUST CONVERTOR

■ SECTION 1 IDENTIFICATION

Product Code and Name: MT-101 Rust Convertor

Company Name and Address: Masters Touch Global Inc, 20000 Plum Canyon Rd# 1721, Santa Clarita CA 91350

Business Phone: 661-510-1830

Emergency Telephone Number: CHEMTREC 1-800-424-9300 (US and Canada)

■ SECTION 2 HAZARDS IDENTIFICATION

Product Signal Word: WARNING

Physical Hazard Classification:

Corrosive to Metals

May be corrosive to metals.

Physical Hazard Precautionary Statements:

Keep only in original container.

Absorb spillage to prevent material damage.

Store in corrosive resistant container with a resistant inner liner.

Health Hazard Classification(s):

Skin Corrosion/Irritation -Level 3 Aspiration Hazard - Level 2

Health Hazard Statements:

May be harmful if swallowed and enters airways.
Causes mild skin irritation.

SECTION 3 COMPOSITION

	CAS#	% Range	PEL	TLV
ACRYLIC COPOLYMER	9065-63-8	65% - 80%	NONE	NONE
1,2-ETHANEDIOL	107-21-1	1%-4%	50 PPM; 125 MG/M3,CEILING	50 PPM; 127 MG/M3,CEILING
DIPROPYLENE GLYCOL METHYL	6%34590-94-82%		100 PPM SKIN	100 PPM SKIN
GALLOTANNIN	1401-55-4	1%-4%	NOT ESTABLISHED	NOT ESTABLISHED
INERT MATERIAL	7732-18-5	15%-25%	NOT ESTABLISHED	NOT ESTABLISHED
ETHANEDIONIC ACID	144-62-7	0%-3%	1 mg/cu.m	1 mg/cu.m.

■ SECTION 4 FIRST AID MEASURES:

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulations.

PERMISSIBLE EXPOSURE LEVEL: See Section III Components

EFFECTS OF ACUTE OVEREXPOSURE:

EYES: Causes severe damage and even blindness very rapidly.

SKIN: Causes burns, possible ulceration.

BREATHING: Mist or dust can cause damage to nasal and respiratory passages.

SWALLOWING: Results in severe damage to mucous membranes and deep tissues, can result in death on penetration to vital areas.

FIRST AID:

IF ON SKIN: Immediately flush exposed area with water for at least 15 minutes, get medical attention. Remove contaminated clothing. Launder contaminated clothing before re-use. IF ON EYES: Immediately flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. If physician is not immediately available, continue flushing with water.

IF SWALLOWED: DO NOT INDUCE VOMITING. Vomiting will cause further damage to throat. Dilute by giving water. Give milk of magnesia. Keep warm, quiet. get medical attention immediately.

IF BREATHED: If affected, remove individual to fresh air. If breathing difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention. PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin contact.

■ SECTION 5 FIRE FIGHTING MEASURES

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulations.

FLASH POINT: Not applicable

EXPLOSIVE LIMIT: Not applicable

EXTINGUISHING MEDIA: Water, carbon dioxide or dry chemical

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic material: hydrogen chloride, acid vapors, etc.

FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face piece operated in the positive pressure demand mode and full body

protection when fighting fires.

SPECIAL FIRE & EXPLOSION HAZARDS: Acids reacts with most metals to release hydrogen gas which can form explosive mixtures with air.

■ SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: Cover the contaminate surface with sodium bicarbonate or a soda ash/slaked lime mixture (50-50). Mix and add water if necessary to form a slurry. Scoop up slurry and wash site with soda ash solution.

LARGE SPILLS: Persons not wearing protective equipment should be excluded from area of spill until clean-up is completed. Stop spill at source. Dike to prevent spreading.

WASTE DISPOSAL METHOD:

SMALL SPILL: Flush down drain with large amounts of water in accordance with applicable regulations.

LARGE SPILLS: Collect and add slowly to large volume of agitated solution of soda ash and slaked lime. Add neutralized solution to excess running water in accordance with applicable regulations.

■ SECTION 7 HANDLING AND STORAGE

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulations.

RESPIRATORY PROTECTION: If workplace exposure limit(s) of product or any component is exceeded (see section II), a NIOSH/MSHA approved supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(S).

PROTECTIVE GLOVES: Wear resistant gloves such as: Natural rubber, neoprene.

EYE PROTECTION: Chemical splash goggles and face shield (8" min) in compliance with osha regulations are advised; however, OSHA regulations also permit other type safety glasses.

OTHER PROTECTIVE EQUIPMENT: To prevent skin contact, wear impervious clothing and boots.

■ SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

Store locked up.

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■ SECTION 9 PRODUCT PROPERTIES

Flash Point (CCP): Non-Flammable

Boiling Point for Product: 210°F

Vapor Pressure for Product: N/A

Vapor Density for Product: Air=1 >1

Specific Gravity: 1.06

V.O.C.: N/A

Water Solubility: Complete

Appearance: White Liquid / Mild Odor

PH: N/D

■ SECTION 10 STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable

INCOMPATIBILITY: Avoid contact with: Strong alkalis, alkali metals.

SECTION 11 TOXICOLOGICAL INFORMATION

1,2-ETHANEDIOL 107-21-1

Acute oral toxicity: LD 50 Rat: 6,140 mg/kg
LD 50 Mouse: 14,600 mg/kg

Acute dermal toxicity: LD 50 Rabbit: 10,611 mg/kg

DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8

Acute oral toxicity: LD 50 rat: 5200mg/kg

Acute dermal toxicity: LC 75 rabbit: 5900mg/kg

EFFECTS ACUTE EXPOSSURE

SKIN CONTACT: little to no effect

SKIN ABSORPTION: yes, no toxic effects unlikely by this route

EYE CONTACT: slightly irritating, will not damage eyes

INHALATION: vapor concentrations above 100ppm may irritate respiratory tract; low vapor pressure makes development of such a concentration unlikely in an industrial setting.

INGESTION: may cause stomach discomfort; may cause diarrhea; a massive dose (say, 100ml) would be required to produce any symptoms in a human of average weight

EFFECTS OF CHRONIC EXPOSURE

GENERAL: prolonged deliberate exposure may cause skin cracking and dermatitis

SENSITISING: not a sensitizer

REPRODUCTIVE EFFECT: no known effect on humans or animals

SYNERGISTIC WITH: not known

ETHANEDIONIC ACID 144-62-7

Acute oral toxicity: LD50 Rat: 7500 mg/kg

Special Remarks on Toxicity to Humans:

Lowest Published Lethal Dose: LDL woman - Route: Oral; Dose: 660 mg/kg

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Causes skin irritation. Rare chemical burns may occur. Harmful if absorbed through the skin. Eyes: Causes severe eye irritation with possible burns. It may result in corneal damage and conjunctivitis. Inhalation: Causes irritation of the respiratory tract, ulceration of the mucous membranes. Inhalation of oxalic acid may also cause digestive disturbances such as nausea and vomiting as well as affecting the nerves and urinary system and causing headache, muscular irritability, weakness, and albuminuria Ingestion: Harmful if swallowed. Causes severe digestive tract irritation and possible burns. It may affect the cardiovascular system, and urinary system. Symptoms may include vomiting (often bloody or with coffee ground appearance), diarrhea, bloody stool, hypermotility, abdominal pain, intense burning pain in the throat, esophagus, stomach, ulceration/burning of the mouth, esophagus, and stomach, severe purging, weak pulse, hypotension, cardiac irregularities, cardiovascular collapse.

■ SECTION 12 ECOLOGICAL INFORMATION

DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8

This product cannot accumulate in living tissue; this product is readily and rapidly biodegradable in the presence of oxygen

ETHANEDIONIC ACID 144-62-7

Ecotoxicity:

Ecotoxicity in water (LC50): 4000 mg/l 24 hours [Fish (Bluegill)]. 1000 ppm 0.5 hours [Fish (Goldfish)]. 100 ppm 0.3 hours [Fish (Trout)].

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "**". Additional ecological information is Not Determined.

■ SECTION 13 DISPOSAL CONSIDERATIONS

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulations.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures.

Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

■ SECTION 14 TRANSPORT INFORMATION

DOT Proper Shipping Name: (Not Regulated)

SECTION 15 REGULATORY INFORMATION

	CAS#	PEL	TLV
ACRYLIC COPOLYMER	9065-63-8	NONE	NONE
1,2-ETHANEDIOL	107-21-1	50 PPM; 125 MG/M3, CEILING	50 PPM; 127 MG/M3,CEILING
DIPROPYLENE GLYCOL METHYL	34590-94-8	100 PPM SKIN	100 PPM SKIN
GALLOTANNIN	1401-55-4	NOT ESTABLISHED	NOT ESTABLISHED
INERT MATERIAL	7732-18-5	NOT ESTABLISHED	NOT ESTABLISHED
ETHANEDIONIC ACID	144-62-7	1 mg/cu.m	1 mg/cu.m.

SECTION 14 OTHER INFORMATION

Consumer Product Safety Act Certification.

This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above-mentioned regulation.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his purpose.

WARNING

Although the details and recommendations contained in this product data sheet are based on the best of our knowledge and experience, all the above information must be considered as indicative only.

Users must ensure, through prior testing, that MT-101 is suitable for the intended application and site conditions. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

■ LEGAL NOTICE

- The contents of this Safety Data Sheet (SDS) may be copied into another project-related document; however, the resulting document shall not supplement or replace the requirements of the SDS in force at the time of application.
 - The most up-to-date SDS can be requested from Masters Touch Global Inc. or downloaded from the official website.
 - Any alteration to the wording, specifications, or requirements contained or derived from this SDS releases the manufacturer from any responsibility.
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