



MT-100

RUST REMOVER

■ SECTION 1 IDENTIFICATION

Product Code and Name: MT-100 Rust Remover

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: DANGER

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):

Acute Toxicity-Oral - Level 4

Acute Toxicity- Dermal-Level 4

Acute Toxicity-Inhalation-Level 5

Skin Corrosion/Irritation-Level 1A-1C

Eye Damage/Irritation-Level 2A

Aspiration Hazard - Level 2

Health Hazard Statements:

May be harmful if swallowed.

May be harmful if swallowed and enters airways.

May be harmful in contact with skin.

Causes severe skin burns and eye damage.

Causes serious eye irritation.

SECTION 3 PRODUCT COMPOSITION

	CAS#	% Range	PEL	TLV
INERT MATERIAL	7732-18-5	30%-60%	NOT ESTABLISHED	NOT ESTABLISHED
HYDROCHLORIC ACID	7647-01-0	15%-40%	5 PPM CEILING	5 PPM CEILING
PHOSPHORIC ACID *	7664-38-2	5%-10%	1 MG/M3	1 MG/M3

■ SECTION 4 FIRST AID MEASURES:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands and exposed areas thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

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

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of water.

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

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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/doctor/physician.

Call a POISON CENTER/doctor/physician if you feel unwell.

See section 12 if specific treatment is applicable.

See Section 12 if specific treatment is applicable.

Do NOT induce vomiting.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

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

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Immediately call a POISON CENTER/doctor/physician.

Call a POISON CENTER/doctor/physician if you feel unwell.

See section 12 if specific treatment is applicable.

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 a 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

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IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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/doctor/physician.

Call a POISON CENTER/doctor/physician if you feel unwell.

See section 12 if specific treatment is applicable.

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

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

SECTION 9 PRODUCT PROPERTIES

Flash Point (CCP): N/A

Boiling Point for Product: N/D

Vapor Pressure for Product: N/D

Vapor Density for Product: N/D

Specific Gravity: 1.0-1.08

V.O.C.: 0

Water Solubility: NEAR COMPLETE

Appearance: LIQUID

PH: <0.4

SECTION 10 STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Cannot occur

STABILITY: Stable

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

SECTION 11 TOXICOLOGICAL INFORMATION

HYDROCHLORIC ACID 7647-01-0

Acute Oral Toxicity

LD50 (rat) 700 mg/Kg

Acute Dermal Toxicity LD50 (rabbit) 5010 mg/Kg

Acute Inhalation

LC50(rat) 3124 ppm 1 hr.

PHOSPHORIC ACID * 7664-38-2

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 1530 mg/kg [Rat]. Acute dermal toxicity (LD50): 2740 mg/kg [Rabbit].

Chronic Effects on Humans: May cause damage to the following organs: blood, liver, skin, eyes, bone marrow.

Other Toxic Effects on Humans: Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (irritant), of ingestion. Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive).

■ SECTION 12 ECOLOGICAL INFORMATION

HYDROCHLORIC ACID 7647-01-0

Aquatic Toxicity LC50 (gambusia Affinis) 282 mg/L 96 hr.

Fish Toxicity

LC50 (goldfish) 178 mg/L

PHOSPHORIC ACID * 7664-38-2

Ecotoxicity (aquatic and terrestrial): LD50 12 hours@ pH of 3 – 3.5

LD50 (12 hours): pH 4.6 (Daphnia Magna)

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

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands and exposed areas thoroughly after handling.

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Immediately call a POISON CENTER/doctor/physician.

Call a POISON CENTER/doctor/physician if you feel unwell.

See section 12 if specific treatment is applicable.

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

Empty de-pressurized containers can not 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: UN3264

Corrosive Liquid, Acidic, Inorganic, N.O.S.

(Hydrochloric Acid and Phosphoric Acid) 8, PG III

SECTION 15 REGULATORY INFORMATION

	CAS#	PEL	TLV
INERT MATERIAL	7732-18-5	NOT ESTABLISHED	NOT ESTABLISHED
HYDROCHLORIC ACID	7647-01-0	5 PPM CEILING	5 PPM CEILING
PHOSPHORIC ACID *	7664-38-2	1 MG/M3	1 MG/M3

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*"

SECTION 16 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 particular 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-100 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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