

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: Mangia Ruggine "Rust Eater"
Product Numbers: CARE.MANGRUG01 (1 LITER); CARE.MANGRUG05 (5 LITER)
Product Use: Gel product that removes rust stains from stones

Company

Emergency Telephone Numbers:

Distributed By:
Maverick International Import / Export
Bellinzoni North America
1711 Church Street, Holbrook, NY 11741
Phone: 631-563-3035 Fax: 631-563-4655

CHEMTREC: 1-800-424-9300

Manufactured By:
BELLINZONI S.r.l.
Via Don Gnocchi, 4
20016 PERO (MI) Italia
Phone: +39 02-33912133
Fax: +39 02-33915224
Email: laboratorio@bellinzoni.com

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	Concentration C	Classification
Ammonium Thioglycolate	5421-46-5	10 ≤ C < 20	T R25 Xi R36/37/38 Xi R43

SECTION 3. HAZARDS IDENTIFICATION

SUBSTANCE / PREPARATION CLASSIFICATION

This prepare is dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Therefore, this prepare requires a safety data sheet according to the Regulation (EC) 1907/2006 and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols: Xn
Phrases R: 22-43

Potential Health Effects

Skin: May cause sensitization by skin contact.
Swallowing: Harmful if swallowed.

SECTION 4. FIRST AID MEASURES

**No episodes of damage to health ascribable to the product
have been reported. Nevertheless, overservance of good
industrial hygiene is recommended.**

SECTION 5. FIRE FIGHTING MEASURES

Allow containers to cool in order to avoid product decomposition and generation of substances which might injure the health and be dangerous for safety reasons. Wear the fire equipment at all times.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Limit leakages with earth or inert material. Remove most of the product and then rinse the involved area by jets of water.

SECTION 7. HANDLING AND STORAGE

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values N.A.

Exposure controls

Follow the good industrial hygiene practices adopting suitable individual protective measures, such as gloves and overall. Do not eat or smoke while handling the product. Wash hands before eating and at the end of the work shift. Periodic health controls are recommended at the discretion of the doctor.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form Gel
Color Transparent
Odor Characteristic

Safety Data

Solubility	Not Applicable
Viscosity	Not Applicable
Vapor Density	Not Applicable
Evaporation Rate	Not Applicable
Reactive Properties	Not Applicable
Partition Coefficient: n-octanol/water	Not Applicable
pH	7.5
Boiling Point	Not Applicable
Flash Point	Not Applicable
Explosive Properties	Not Applicable
Vapour Pressure	Not Applicable
Specific Gravity	1.050Kg/l
VOC (Directive 1999/13/EC):	0
VOC (Volatile Carbon):	0

SECTION 10. STABILITY AND REACTIVITY

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire vapours potentially dangerous to health may be released.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute effects: ingestion of this product is harmful. Even small amounts of product may cause serious health problems (stomach pain, nausea, sickness, diarrhoea). This product may slightly irritate mucosas, the upper respiratory tract, eyes, and skin. Exposure symptoms may include: sting, cough, asthma, laryngitis, respiratory disorders, headache, nausea and sickness.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Cutaneous lesions may include: erythemas, edemas, papules, vesicles, pustules, scurves, ulcerations and exudative phenomena, whose intensity varies according to illness seriousness and affected areas. Erythemas, edemas and exudative phenomena prevail during the acute phase. Scurfy skin, dryness, ulcerations and skin thickening prevail during the chronic phase.

SECTION 12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

SECTION 13. DISPOSAL CONSIDERATION

Nothing to notify

SECTION 14. TRANSPORT INFORMATION

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations.

These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

Road and rail transport:

ADR/RID: 6.1
UN: 2810
Packing Group: III
Label: 6.1
Nr. Kemler: 60
Proper Shipping Name: TOXIC LIQUID, ORGANIC, N.O.S. AMMONIUM THIOGLICOLATE

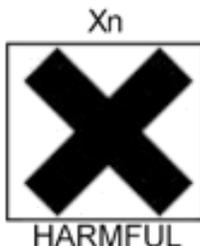
Carriage by sea (shipping):

IMO Class: 6.1
UN: 2810
Packing Group: III
Label: 6.1
EMS: F-A, S-A
Proper Shipping Name: TOXIC LIQUID, ORGANIC, N.O.S. AMMONIUM THIOGLICOLATE

Transport by air:

IATA: 6.1
UN: 2810
Packing Group: III
Label: 6.1

SECTION 15. REGULATORY INFORMATION



R22 HARMFUL IF SWALLOWED
R43 MAY CAUSE SENSITIZATION BY SKIN CONTACT.
S13 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSSTUFFS.
S23 DO NOT BREATHE GAS/FUMES/VAPOUR/SPRAY (APPROPRIATE WORDING TO BE SPECIFIED BY THE MANUFACTURER).
S24 AVOID CONTACT WITH SKIN.
S37 WEAR Uitable GLOVES.

Contains: Ammonium Thioglicolate

Danger labeling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments.

Workers exposed to this chemical agent must undergo health checks according to regulation 98/24/EC.

SECTION 16. OTHER INFORMATION

Text of -R- phrases quoted in section 3 of the sheet.

R25 TOXIC IF SWALLOWED.
R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
R43 MAY CAUSE SENSITIZATION BY SKIN CONTACT.

General Bibliography:

1. Directive 1999/45/EC and following amendments;
2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
4. The Merck Index. – 10th Edition;
5. Handling Chemical Safety;
6. Niosh – registry of Toxic Effects Of Chemical Substances;
7. INRS – Fiche Toxicologic (toxicological sheet);
8. Patty – Industrial Hygiene and Toxicology;
9. N.I. Sax – Dangerous properties of Industrial Materials – 7, 1989 Edition;

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.