SAFETY DATA SHEET
Rust Aid Rust Converter

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Supersedes Revision: 09/01/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Rust Aid Rust Converter

Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113

Phone Number: (901)775-0100

Web site address: www.wmbarr.com

Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892

Intended Use: Turns rust to black primer and inhibits further corrosion.

Synonyms: WRC22

Additional Information This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

2. HAZARDS IDENTIFICATION

Skin Corrosion/Irritation, Category 1A-1C
Serious Eye Damage/Eye Irritation, Category 1

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.

GHS Precaution Phrases:
P260: Do not breathe gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor/physician.
P321: Specific treatment see label.
P363: Wash contaminated clothing before reuse.

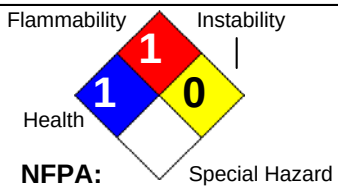
GHS Storage and Disposal Phrases:
P405: Store locked up.
P501: Dispose of contents/container accorfding to local, state and federal regulations.

Hazard Rating System:

HMIS:

HEALTH	*	1
FLAMMABILITY		1
PHYSICAL		1
PPE		X

NFPA:



OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

Inhalation Acute Exposure Effects:
May cause irritation of the respiratory tract, including mucous membranes and nasal passages.

Skin Contact Acute Exposure Effects:
May cause burns, irritation and drying of the skin.

Eye Contact Acute Exposure Effects:
May cause damage, redness, tearing, and irritation.

Ingestion Acute Exposure Effects:
May cause gastrointestinal irritation, nausea, abdominal pain, vomiting, and diarrhea.

Chronic Exposure Effects:
May cause mild bronchial irritation. Overexposure to Diethylene Glycol Monomethyl Ether has apparently been found to cause the following effects in laboratory animals: kidney damage, liver abnormalities, and testis damage.

Target Organs: liver, respiratory tract, kidney, blood

Medical Conditions Generally Aggravated By Exposure: Diseases of the skin, eyes, and respiratory system.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
7727-43-7	Barium sulfate {(EXEMPT FROM SECTION 313)} {C.I. Pigment white 21; Mineral white; Permanent white}	10.0 -15.0 %	CR0600000
1401-55-4	Tannic acid	5.0 -10.0 %	UZ3400000
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	1.0 -5.0 %	KJ8575000
107-21-1	Ethylene glycol	1.0 -5.0 %	KW2975000

Additional Chemical Information Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Inhalation:
If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be reached.

Skin Contact:
Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

Eye Contact:
Flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

Ingestion:
Call your poison control center, hospital emergency room, or physician immediately for instructions.

Signs and Symptoms Of Exposure:
Primary Routes of Exposure:
Inhalation, ingestion, and dermal.

Note to Physician:
Call your local poison control center for further instructions.

5. FIRE FIGHTING MEASURES

No Flashpoint

Flash Pt: NE

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media: None known.

Fire Fighting Instructions:
Material is non-combustible, no special procedures required. As in any fire, self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas.

Flammable Properties and Hazards: No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Clean Up:
Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Keep out of sewers, waterways, and bodies of water.
For small spills, take up liquid with sand, earth, or other noncombustible absorbent material and place in a container for disposal.
For large spills, dike far ahead of spill and use sand, earth, or other noncombustible absorbent material and then place material in a container for disposal.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:
Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse the container.

Precautions To Be Taken in Storing:
Keep container tightly closed when not in use. Store in a cool, dry place. Protect from freezing. Avoid extreme high or low temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7727-43-7	Barium sulfate {(EXEMPT FROM SECTION 313)} {C.I. Pigment white 21; Mineral white; Permanent white}	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3	No data.
1401-55-4	Tannic acid	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	PEL: 50 ppm	TLV: 20 ppm	No data.
107-21-1	Ethylene glycol	No data.	CEIL: 100 mg/m3 (H)	No data.

Respiratory Equipment (Specify Type): Under normal use conditions and when used as directed, respiratory protection is not needed.

For OSHA controlled work place and other regular users. Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors to keep vapors below applicable exposure limits. A dust mask does not provide protection against vapors.

Eye Protection: Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury.

Protective Gloves: Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

Other Protective Clothing: Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use.

Engineering Controls (Ventilation etc.): Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or your experience slight dizziness, headache, nausea, or eye-watering - STOP - ventilation is inadequate. Leave area immediately.

Work/Hygienic/Maintenance Practices: Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	milky off-white color and bland odor
Melting Point:	No data.
Boiling Point:	> 212.00 F
Autoignition Pt:	No data.
Flash Pt:	NE
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	1.3
Density:	10.45 LB/GL
Vapor Pressure (vs. Air or mm Hg):	< 1 MM HG
Vapor Density (vs. Air = 1):	No data.
Evaporation Rate:	No data.
Solubility in Water:	No data.
pH:	1.5 - 2.8
Percent Volatile:	N.D.

10. STABILITY AND REACTIVITY

Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Strong oxidizing agents and strong bases.
Hazardous Decomposition Or Byproducts:	Decomposition may produce carbon monoxide, carbon dioxide, aldehydes, ketones, and organic acids.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Refer to section 2 for acute and chronic health effects.

CAS# 111-76-2:
Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.
Result:
Behavioral: Ataxia.
Nutritional and Gross Metabolic:Weight loss or decreased weight gain.
- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983

Acute toxicity, LD50, Skin, Species: Rabbit, 220.0 MG/KG.
Result:
Effects on Embryo or Fetus: Extra embryonic structures (e.g., placenta, umbilical cord).
Effects on Embryo or Fetus: Other effects to embryo.
Specific Developmental Abnormalities: Musculoskeletal system.
- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Chronic Toxicological Effects:

Acute toxicity, LD50, Oral, Rat, 250.0 mg/kg.
Result:
Lungs, Thorax, or Respiration:Changes in pulmonary vascular resistance.

Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.
Result:
Effects on Newborn: Apgar score (human only).
Effects on Newborn: Other neonatal measures or effects.
Effects on Newborn: Drug dependency.
- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

This product has not been tested as a whole.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7727-43-7	Barium sulfate {(EXEMPT FROM SECTION 313)} {C.I. Pigment white 21; Mineral white; Permanent white}	n.a.	n.a.	n.a.	n.a.
1401-55-4	Tannic acid	n.a.	3	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	n.a.	3	A3	n.a.
107-21-1	Ethylene glycol	n.a.	n.a.	A4	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: No information available for this product as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated by D.O.T.
DOT Hazard Class:
UN/NA Number:

Additional Transport Information:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7727-43-7	Barium sulfate {(EXEMPT FROM SECTION 313)} {C.I. Pigment white 21; Mineral white; Permanent white}	No	No	Yes-Cat. N040
1401-55-4	Tannic acid	No	No	No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	No	No	Yes-Cat. N230
107-21-1	Ethylene glycol	No	Yes 5000 LB	Yes

This material meets the EPA 'Hazard Categories' defined
[X] Yes [ ] No Acute (immediate) Health Hazard
[X] Yes [ ] No Chronic (delayed) Health Hazard

for SARA Title III Sections 311/312 as indicated:	[ ] Yes [X] No	Fire Hazard
	[ ] Yes [X] No	Sudden Release of Pressure Hazard
	[ ] Yes [X] No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7727-43-7	Barium sulfate {(EXEMPT FROM SECTION 313)} {C.I. Pigment white 21; Mineral white; Permanent white}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
1401-55-4	Tannic acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
111-76-2	Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
107-21-1	Ethylene glycol	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No

Regulatory Information Statement: All components of this material are listed on the TSCA Inventory or are exempt.

16. OTHER INFORMATION

Revision Date: 05/07/2015

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: NE: Not Established

Company Policy or Disclaimer: The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.