

Product Code: 28-67  
 Product Name: WHITE ZERO RUST  
 Manufacture: AMTECO, INC., P.O. BOX 9, 1100 JEFFERSON ST, PACIFIC, MO. 63069  
 24-hour Emergency Phone: 1-800-424-9300

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

(See top of page)

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Component/Exposure Limits	CAS#	% by Wt.
SOLVENT NAPHTHA(PETROLEUM)LIGHT AROMATIC OSHA PEL: 200PPM, ACGIH TLV: 200PPM	64742-95-6	17
NORMAL BUTYL ACETATE OSHA PEL: TWA 150 PPM, STEL 200 PPM ACGIH TLV:TWA 150 PPM, STEL 200 PPM	123-86-4	4
METHYL PROPYL KETONE OSHA PEL: 200 PPM, ACGIH TLV: 200 PPM	107-87-9	4
*XYLENE OSHA PEL: 100PPM, ACGIH TLV: 100PPM	1330-20-7	3.26

**3. HAZARDS IDENTIFICATION**

This product is classified as hazardous under OSHA regulations. FLAMMABLE liquid and vapor. Harmful if inhaled. Overexposure may cause nervous system effects. Harmful or fatal if swallowed. Can cause eye and skin irritation. Causes respiratory tract irritation. May cause serious heart rythm distubances.

**Potential Health Effects**

**ROUTES OF ENTRY:**Inhalation, Skin absorpction, Skin contact, Eye Contact, Ingestion

**EYE CONTACT:**  
Can cause eye irritation. Symptoms include stinging, tearing, redness, swelling of eyes and blurred vision.

**SKIN:** May be absorbed through the skin in harmful amounts. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis(rash). Prolonged or repeated contact may cause irritation.

**INGESTION:** Moderately toxic. Irritating to mouth, throat and stomach. May produce central nervous system effects, which may include dizziness, loss of balance and coordination, unconsciousness, coma and even death. Product may be harmful or fatal if swallowed. Pulmonary aspiration hazard. After ingestion, may enter lungs and produce damage.

**INHALATION:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness and even death). Repeated overexposure has caused hearing loss in lab animals. Repeated overexposure has produced toxic effects in developing and young lab animals. Solvent "huffing/sniffing" (abuse) or intentional prolonged overexposure to high levels of vapors can produce abnormal behavior, convulsions, hallucinations, delerium, nervous system damage, serious disturbances of hearth rythm and sudden death. Prolonged or repeated exposure may cause liver and kidney damage.

**AGGRAVATED MEDICAL CONDITION:**

The following diseases or disorders may be aggravated by exposure to this product: Skin, Eye, Liver, Kidney, Nervous system, Respiratory system, Lung (asthma-like conditions).

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**SYMPTOMS:**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage through skin may include redness of the face and neck, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) memory, respiratory depression (slowing breathing rate), shortness of breath, loss of coordination, confusion, irregular heartbeat, respiratory failure and coma.

**REPRODUCTION INFORMATION:** This material (or a component) may be harmful to the human fetus based on positive results with laboratory animal.

**CARCINOGENICITY:** This product could contain trace amounts of ethylbenzene, which has been shown to cause cancer in lab animals by inhalation and is listed as a suspect carcinogen by IARC.

**4. FIRST AID MEASURES**

**EYES:** Move individual away from exposure and into fresh air. Flush eyes gently with water for 15 minutes while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention immediately.

**SKIN:** Remove contaminated clothing. Rinse exposed areas with large amounts of water. If skin is damaged or symptoms persist, seek medical attention. Launder clothing before reuse.

**INGESTION:** Seek medical attention immediately! Never give anything by mouth to a drowsy or unconscious person. Do not induce vomiting. If possible, do not leave individual unattended.

**INHALATION:** Immediately move individual away from exposure and into fresh air. Seek immediate medical attention. Keep person warm and quiet. If not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

**NOTE TO PHYSICIANS:** Inhalation of high concentrations could occur in enclosed spaces or during deliberate abuse could cause cardiac arrhythmias. This material is an aspiration hazard.

**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES:**

FLASH POINT: 45 F

Method: TCC Tag Closed Cup

FLAMMABLE LIMITS: Lower 1 Upper 7.6

**HAZARDOUS COMBUSTION PRODUCTS:** Formation of toxic gases is possible during heating or in case of fire.

**EXTINGUISHING MEDIA:** Foam, Carbon Dioxide (CO<sub>2</sub>), Dry Chemical, Sand

**FIREFIGHTING INSTRUCTIONS:** Wear self contained breathing apparatus. If product is heated above its flashpoint it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and maybe ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.

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## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Person not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at the source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Remove with inert absorbent. Use only non sparking tools for clean up.

## 7. HANDLING AND STORAGE

**HANDLING AND STORAGE:** Keep all containers sealed tight and in an upright position to prevent leaks. Store containers out of the sun and away from all heat sources. This material should be grounded when pouring. Do not store near heat, sparks or open flame. Do not allow material to freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**GENERAL ADVICE:** These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the applicator to follow regulatory guidelines established by local authorities.

**EXPOSURE CONTROLS:** Personal protection equipment needed for use of this product.

**RESPIRATORY PROTECTION:** None required if used properly for exterior surfaces only. Do not breathe vapors or spray mist.

**SKIN PROTECTION AND BODY PROTECTION:** Wear impermeable chemical resistant gloves such as neoprene coated gloves to prevent repeated or prolonged skin contact. Liquid may penetrate clothes, shoes and leather causing delayed irritation. Remove immediately if product gets insides. Then wash thoroughly with soap and water and put on clean clothing or shoes. User should remove personnel protective equipment immediately after handling this product. Wash the outside the outside of gloves before removing.

**EYE PROTECTION:** Use safety eye ware with side-shields to protect against chemical splash of liquids and spray mist.

**WORK/HYGIENIC PRACTICES:** Wash hands before and after eating, smoking and using the bathroom.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 206 F  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
VAPOR DENSITY: HEAVIER THAN AIR  
SOLUBILITY IN WATER: INSOLUBLE  
SPECIFIC GRAVITY: 1.3657  
pH: N/A  
ODOR: STRONG SOLVENT ODOR

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#### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY (CONDITIONS TO AVOID): STABLE**  
**INCOMPATIBILITY: OXIDIZING AGENTS**  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, Carbon monoxide, Oxides of Nitrogen.  
**HAZARDOUS POLYMERIZATION: WILL NOT OCCUR**

#### 11. TOXICOLOGICAL INFORMATION

**CHRONIC/CARCINOGENICITY:** This product may contain trace amounts of ethylbenzene which has been shown to cause cancer in lab animals by inhalation and is listed as a suspect carcinogen by IARC.

#### 12. ECOLOGICAL INFORMATION

**ECOLOGY WARNING:** Hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

#### 13. DISPOSAL CONSIDERATIONS

Dispose of according to Federal, State and Local regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

#### 14. TRANSPORT INFORMATION (Not meant to be all inclusive)

DOT GROUND	PAINT, 3, UN1263, PGII
IATA	PAINT, 3, UN1263, PGII
IMDG	PAINT, 3, UN1263, PGII

#### 15. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations)

**U.S. FEDERAL REGULATIONS:**  
**CERCLA: SARA HAZARD CATEGORY:**

**SECTION 313: \*Xylene**

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

#### 16. DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, AMTECO DOES NOT ASSUME ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF THE SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER.