

**MATERIAL SAFETY DATA SHEET**  
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

**SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION**

<b>Product Name:</b> RUST BARRIER	<b>Emergency Phone #:</b> 1-800-424-9300
<b>Supplier's Name:</b> Maintenance Equipment & Chemicals	<b>Reference code:</b> MTEQ
<b>Supplier's Address:</b> 1379 Shoemaker St., Nanty Glo, PA 15943	<b>Product #:</b> 090
<b>Phone:</b> (814) 749-9015	<b>Shipping Name:</b> Corrosive Liquid NOS (Sodium Hydroxide)
<b>Chemical Name:</b> Alkaline antirust compound	<b>Hazard Class:</b> 8 <b>D.O.T. ID#:</b> UN1760 <b>P.G.:</b> - III
<b>Chemical Family:</b> Super Steel Rust Preventive	

**SECTION 2-HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
*Sodium Nitrate	7631-99-4	<4%	None
*Sodium Hydroxide	1310-73-2		None

Material has no TLV or high level of toxicity to humans. Listed above so that reaction with secondary amines if found in other processing aids can be avoided. Chemical reaction with secondary amines can form potentially carcinogenic nitrosamines. It is also an oxidizing agent but not hazardous in this water based product. SARA Title III Section 313 reporting is not required for this material.

**SECTION 3-PHYSICAL DATA**

**SECTION 4-FIRE AND EXPLOSION DATA**

<b>Boiling Point (F):</b> 212 F <b>Vapor Pressure:</b> 20mm <b>Vapor Density:</b> NA <b>Solubility In Water:</b> 100% <b>Appearance / Odor:</b> Clear odorless liquid <b>Specific Gravity:</b> 1.090 <b>% Volatile:</b> < 80 <b>Evaporation Rate:</b> (water=1) 1 <b>Other:</b>	<b>Flash Point (F) / Method:</b> None—TCC <b>Flammable Limits:</b> NA <b>Extinguishing Media:</b> None required <b>Special Fire Fighting Procedures:</b> None required <b>Unusual Fire &amp;Explosion Hazards:</b> None
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**SECTION 5-HEALTH HAZARD DATA**

**Threshold Limit Value:** See Section II  
**Effects of Overexposure:** None. Concentrate is an eye irritant. Ingestion will cause severe diarrhea.  
**Emergency & First Aid Procedures:** None required in normal use. Eye contact, wash eyes with water until irritation stops. If it persists see a physician immediately.  
**Carcinogenicity:** NA

**SECTION 6-REACTIVITY DATA**

**SECTION 7-Spill OR LEAK PROCEDURES**

<b>Stability:</b> stable <b>Conditions to Avoid:</b> <b>Incompatibility:</b> None <b>Hazardous Decomposition Products:</b> None <b>Hazardous Polymerization:</b> Will not occur	<b>Steps to be taken if material is released or spilled:</b> Pick up excess with a mop or wet-vac, wash residue to sewer with lots of water. <b>Waste disposal method:</b> Sewer or landfill following local regulations
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**SECTION 8-SPECIAL PROTECTION INFORMATION**

**SECTION 9-SPECIAL PRECAUTIONS**

<b>Respiratory Protection:</b> None required <b>Ventilation:</b> NA <b>Protective Gloves:</b> Yes, rubber or vinyl <b>Eye Protection:</b> Yes, goggle or glasses <b>Other Protective Equipment:</b> Eyewash water source.	<b>Precautions to be taken in handling and storage:</b> Store between 35 and 150F in closed containers. <b>Other Precautions:</b> Keep out of the reach of children.
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Date Prepared: 5-15-09

By: PM