

**MATERIAL SAFETY DATA SHEET**

Prepared: 08 January 2010

**Section 1 – Product and Company Identification**

Product(s): **X-150** Board Stripper  
 Formula: A239  
 Part Number(s): 23916, 23920

Company Name &amp; Address:

**RICMAR INDUSTRIES**  
 889 N. Larch Avenue  
 Elmhurst, IL 60126  
 800-323-0779

Emergency Numbers:

**IN CASE OF EMERGENCY, CALL Infotrac @ 1-800-535-5053, 24 hrs.**  
**INTERNATIONAL EMERGENCY NUMBER 352-323-3500**  
 Poison Control Center: 1-800-222-1222

Material Safety Data Sheets:

[www.ricmarindustries.com](http://www.ricmarindustries.com)**Section 2 – Hazards Identification**

**DANGER.** Corrosive – contains potassium hydroxide. Causes eye burns. Harmful or fatal if swallowed. Causes skin irritation. Harmful if inhaled. May be absorbed through intact skin. Occupational overexposure may cause central nervous system depression. Contents under pressure.

**Potential Health Effects**

<b>EYES:</b>	Causes eye burns.
<b>SKIN:</b>	Corrosive. Causes skin irritation.
<b>INHALATION:</b>	May cause respiratory tract irritation.
<b>INGESTION:</b>	Harmful if swallowed.
Signs/symptoms of exposure: redness, tearing or burning in eyes. Redness, burning and cracking of skin. Inhalation of high levels may cause dizziness, drowsiness and loss of coordination. If swallowed may cause burning of mouth, throat, esophagus and stomach. Medical conditions generally aggravated by exposure: pre-existing skin, liver, kidney, blood and respiratory tract disorders may be adversely affected. Follow good chemical hygiene practices to avoid these hazards.	

**HMIS Rating**    Health – 3    Flammability – 1    Reactivity – 0    Personal Protection – B

**Section 3 – Composition/Information on Ingredients**

<b>Ingredient</b>	<b>CAS Number</b>	<b>Percent Range</b>
Water	7732-18-5	60 – 100
Isobutane	75-28-5	7 – 13
2-Butoxyethanol	111-76-2	5 – 10
Sorbitol	50-70-4	1 – 5
Propane	74-98-6	1 – 5
Tetrapotassium Pyrophosphate	7320-34-5	1 – 5
Potassium Hydroxide	1310-58-3	1 – 5
Trisodium Phosphate	10101-89-0	1 – 5

Any substance listed as hazardous by the states of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

**Section 4 – First Aid Measures**

**EYES:** Flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

<b>SKIN:</b>	Wash with soap and water. Remove contaminated clothing and shoes. If irritation arises and persists seek medical attention.
<b>INHALATION:</b>	Move to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration.
<b>INGESTION:</b>	If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately. If conscious, drink plenty of water or milk. Never give anything by mouth to an unconscious person.

**Section 5 – Fire Fighting Measures**

<b>Flashpoint (PMCC):</b>	None
<b>Extinguishing Media:</b>	Not usually necessary as this product does not readily support combustion. Use an extinguishing agent appropriate for fire's fuel source.
<b>Special Fire Fighting Procedures:</b>	Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways. Wear self-contained breathing apparatus (SCBA) in chemical fires.
<b>Hazardous Products of Combustion:</b>	Oxides of carbon and nitrogen.

**Section 6 – Accidental Release Measures**

<b>Small spill:</b>	Wipe up small releases with a dry absorbent cloth or other absorbent material.
<b>Large spill:</b>	Ventilate area and block traffic. Absorb liquid with vermiculite, absorbent cloth, or other absorbent material. Prevent material from entering sewers and drains. Transfer contaminated material into suitable container for proper disposal.

**Section 7 – Handling and Storage**

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Do not swallow. Wash thoroughly after handling and launder clothing before reuse. Avoid inhaling mists or vapors. Do not deliberately concentrate and inhale vapors. Use with adequate ventilation. Direct spray away from face. Spray can in upright position only. Follow good chemical hygiene practices when handling this material. Use from original container only and follow label directions carefully.
<b>Storage:</b>	Keep away from heat, sparks, open flame and direct sunlight. Store in a cool (less than 120° F) well-ventilated area. Keep out of reach of children. Do not contaminate water, food or feed by use or storage. Do not puncture or incinerate container. Replace cap when not in use.

**Section 8 – Exposure Controls/Personal Protection**

<b>Engineering controls:</b>	Ventilation not usually necessary but should be provided in the event of overexposure.
<b>Exposure limits:</b>	2-Butoxyethanol (CAS# 111-76-2)=50 ppm OSHA; 20 ppm ACGIH (skin designation) Isobutane (CAS# 75-28-5)=800 ppm OSHA; 800 ppm ACGIH Monoethanolamine (CAS# 141-435)=3 ppm OSHA; 3 ppm ACGIH; 6 ppm STEL Propane (CAS# 74-98-6)=1000 ppm OSHA; Asphyxiant ACGIH
<b>Eye protection:</b>	Yes, wear approved safety glasses or goggles if direct contact is possible.
<b>Skin protection:</b>	Yes, wear impervious gloves if direct contact is possible.
<b>Respiratory protection:</b>	Not usually necessary. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

**Section 9 – Physical and Chemical Properties**

<b>Appearance and Odor:</b>	Pink liquid with a fruity odor.	
<b>pH:</b>	<b>Boiling Point:</b>	<b>Specific Gravity:</b>
<b>Vapor Density:</b>	<b>Flame Projection:</b>	<b>Solubility in Water:</b>
<b>Pressure:</b>	<b>Volatile Organic Compounds (VOCs):</b>	

**Section 10 – Stability and Reactivity**

<b>Hazardous Polymerization:</b>	This product will not undergo hazardous polymerization.
<b>Hazardous Decomposition or Byproducts:</b>	Oxides of carbon and nitrogen.
<b>Chemical Stability:</b>	Stable
<b>Incompatible Materials:</b>	Strong acids, alkalis and oxidizing agents.

**Section 11 – Toxicological Information**

Monoethanolamine, CAS #141-43-5

Dermal LD50 &gt;1.00 g/kg rabbit, Oral LD50 &gt;1.00-2.00 g/kg rat

**Section 12 – Ecological Information**

No data.

**Section 13 – Disposal Considerations**

Dispose of in accordance with all applicable local, state, and federal regulations.

**Waste information:** If this product becomes a waste, it would not be a hazardous waste as defined by RCRA (40CFR261). However the waste should be properly evaluated in case of modification prior to disposal.**Section 14 – Transport Information**

The following transportation information is based on Department of Transportation Regulations found in 49 CFR. If shipping this product by air please refer to International Air Transport Association (IATA) Dangerous Goods Regulations. If shipping this product by ocean please refer to International Maritime Dangerous Goods Regulations (IMDG). To find how to ship this product please refer to the UN# listed below.

	UN #	Proper Shipping Description	Hazard Class	Packing Group
<b>DOT Information</b>	None	Consumer Commodity	ORM-D	None

**Marine Pollutants:** None**Section 15 – Regulatory Information****US Federal Regulations**

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory or exempt from listing.

**CERCLA RQ**

None

**SARA 313 Components**

None

**State and Local Regulations**

California Proposition 65

This product may contain trace chemicals known to the State of California to cause cancer, and/or birth defects or other reproductive harm.

**Section 16 – Other Information**

**WARNING!** The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.