

MATERIAL SAFETY DATA SHEET: RINSE AGENT-HIGH & LOW TEMP MSDS# 103060RA
CENTRAZ INDUSTRIES, INC. 4051 BINGHAM AVE ST. LOUIS, MO 63116-3506
ORIGINAL DATE: LATEST UPDATE: 07/24/00

MATERIAL SAFETY DATA SHEET

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PRODUCT IDENTIFICATION:
PRODUCT NAME: RINSE AGENT - HIGH AND
LOW TEMPERATURE

MSDS CODE NUMBER: 103060RA
FORMULA: Proprietary
ORIGINAL DATE:
LATEST UPDATE: 07/24/00

CHEMICAL FAMILY:

S.A.R.A. INFORMATION:

HAZARDS: Fire: Pressure: Reactivity: Acute: Chronic:

PHYSICAL DATA: Mixture: Pure: Solids: Liquids: Gas:

SECTION I: HAZARDOUS INGREDIENTS

MATERIAL	% BY WEIGHT	CAS #	OSHA PEL - ACGIH TLV
2-Propanol	< 2%	67-63-0	Below PEL - TLV

SECTION II HEALTH HAZARDS:

TLV: See Section I

EYES: Can cause severe irritation. Prolonged contact can cause chemical burns.

Skin: No evidence of harmful effects from available information.

INHALATION: Inhalation of mist may cause irritation of mucous membranes.

INGESTION: Moderately toxic, may cause abdominal discomfort, nausea, vomiting, and diarrhea.

SECTION III: FIRST AID

EYES: Flush with water for at least 15 minutes, while holding eyelids open. Obtain medical attention without delay, preferably from an ophthalmologist.

SKIN: Flush with water, follow with washing of soap and water.

INHALATION: Remove person to fresh air.

INGESTION: Give two glasses of water. DO NOT INDUCE VOMITING. Get medical attention, immediately.

Notes to Physician: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration(e.g., gastric lavage after endotracheal intubation).

SECTION IV: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Under normal use conditions, none required.

VENTILATION REQUIRED: Good room ventilation.

PROTECTIVE CLOTHING: EYES: Protection recommended. SKIN: Rubber Gloves.

ADDITIONAL PROTECTIVE MEASURES: Eye wash\safety shower or running water.

SECTION V: FIRE & EXPLOSION HAZARD DATA

FLASH POINT/FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA/SPECIAL FIRE FIGHTING PROCEDURES: Water spray, carbon dioxide, or dry chemical. UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VI: PHYSICAL DATA

SPECIFIC GRAVITY: .99 - .995

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BOILING POINT: POUNDS PER GALLON: 8.2 - 8.3
VAPOR PRESSURE (MM HG): N/A VAPOR DENSITY (Air=1): N/A
EVAPORATION RATE: N/A % VOLATILE BY VOLUME:
SOLUBILITY IN WATER: Complete
APPEARANCE AND ODOR: High Temp: Yellow Low Temp: Blue

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SECTION VII: REACTIVITY DATA

PRODUCT IS: STABLE

CONDITION TO AVOID: Do not mix with strong oxidizing agents. Do not mix with chlorine bleach.

INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS/HAZARDOUS POLYMERIZATION: N/A

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SECTION VIII: SPILL AND LEAK PROCEDURES

Mop up and flush with plenty of water to sewer drain. Caution: Material will be slippery when wet.
Before flushing residue and/or product into local sewer system, check pH of acceptable effluent water in
accordance with local water treatment plant. WASTE DISPOSAL METHOD: Dispose of in accordance
with local, state and federal regulations. Surfactant is bio-degradable.

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SECTION IX D.O.T. SHIPPING INFORMATION FREIGHT CLASS: 55

Not hazardous for shipping.

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SECTION X ADDITIONAL INFORMATION

-- STORAGE AND HANDLING: KEEP OUT OF REACH OF CHILDREN. Keep containers closed.
Keep from freezing. Do not store with oxidizing materials. Do not store in food areas.

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DATE: 07/24/00

PREPARED BY: REGULATORY AFFAIRS

This supersedes any and all Material Safety Data Sheet issued prior to the above date. Please update your files with this most current sheet.