

MATERIAL SAFETY DATA SHEET

HMIS HAZARDOUS MATERIALS
IDENTIFICATION SYSTEM

(Prepared According to 29 CFR 1910.1200)

A = Safety Glasses
B = A + Gloves
C = B + Apron
D = C + Face Shield
E = B + Dust Mask

F = C + Dust Mask
G = B + Respirator
H = F + Goggles
I = B + Respirator
X = Ask Supervisor

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Health.... 3
Flammability.... 1
Reactivity.... 0
Protection.... E

SECTION I - PRODUCT IDENTIFICATION

Product Code: 102 **Supersedes date: May 5, 2003** **Section(s) changed: I** **Effective date: May 10, 2004**

PRODUCT NAME: RECLAIM PART B CHEMICAL FAMILY: Laundry Spotter
GENERIC NAME: Powdered Laundry Sour FORMULA: Proprietary Mixture
DISTRIBUTORS NAME: DISTRIBUTORS ADDRESS:
INFORMATION PHONE NUMBER: 314-771-6600
EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300
PROPER SHIPPING DESCRIPTION: > 11 lbs.: Corrosive Solid, Acidic, Organic, n.o.s. (Contains Oxalic Acid), 8, UN3261, III LABEL: Corrosive
< 11 lbs.: Corrosive Solid, Acidic, Organic, n.o.s. (Contains Oxalic Acid), LTD.QTY., 8, UN3261, III LABEL: None

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	OTHER
Citric Acid	77-92-9		10 mg/m ³	10 mg/m ³	
Oxalic Acid	144-62-7		1 mg/m ³	1 mg/m ³	

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): NA
Vapor Pressure (mm Hg): NA
Vapor Density (Air=1): NA
Solubility in Water: 13.7% solution at 77°F
Physical Description: White Powder
Mild Odor

Specific Gravity: 1.653
Lbs/Gal Density: NA
pH Use Dilution: 1.0

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: NA LIMITS: LEL: NA UEL: NA
EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide, alcohol foam, if product is involved. Water or foam may cause frothing.
SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.
UNUSUAL FIRE & EXPLOSION HAZARD: Product is a combustible solid below 215°F. Partial decomposition occurs at 300°F. Decomposition include Carbon Monoxide & Formic Acid which are toxic & flammable. Can react violently with strong oxidizers.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to Avoid: Reacts with alkalis, decomposes above 300°F yielding toxic, flammable & corrosive gases. Reacts with some silver compounds forming explosive silver oxalate. Reacts with oxidizers such as chlorites & hypochlorites & oleum, possibly with violence.
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Strong oxidizing agents, alkalis, chlorine bleach.
Hazardous Decomposition Products: Carbon Monoxide, Formic Acid, Ammonia, Chlorine, Hydrogen Chloride.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER. POISON.
Contains oxalic acid. May be fatal if swallowed.
Do not contaminate water, food or feed. Avoid all contact. Store upright in original closed container.
Other Precautions: Do not get in eyes, on skin or on clothing. Avoid entry into sewers or natural waters. Do not use or store near heat, sparks or open flames. Remove & wash contaminated clothing before reuse.

SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity: NE	NTP? NE	IARC Monographs? NE	OSHA REGULATED? YES
EFFECTS OF OVEREXPOSURE: SKIN: Severe burns EYES: Severe burns INHALATION: Severe burns INGESTION: Harmful or fatal if swallowed.	EMERGENCY FIRST AID PROCEDURES: SKIN: Flush with flowing water for 15 minutes. See physician if irritation persists. EYES: Flush with flowing water for 15 minutes & see physician. INHALATION: Remove to fresh air. INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.		

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Dust mask.
VENTILATION: Local exhaust preferred. Mechanical (general) at point of dust release acceptable. Avoid breathing dust.
PROTECTIVE GLOVES: Acid proof.
EYE PROTECTION: Chemical goggles.
OTHER PROTECTIVE EQUIPMENT: Apron. Eye wash facilities. Safety Shower. Dust mask.
WORK/HYGIENIC PRACTICES: Practice good personal hygiene. Wash after handling. Shower at end of work period.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Isolate from sources of ignition. Sweep up immediately with minimum dusting. Collect in dry containers, label "POISON", & store in a cool dry place of low fire risk, away from food, food chemical or strong oxidizers. Neutralize with sodium bicarbonate or sodium carbonate. Neutralized solution is also toxic & should be handled accordingly. Release of solutions may be subject to local regulations.
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations. Aqueous solutions are an EPA RCRA corrosive waste, having a hazardous waste ID # D002 (40 CFR 261.22). Solid acid is not a hazardous waste.

SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: This does not contain chemicals subject to reporting under CERCLA
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

NE - Not Established NA - Not Applicable GT - Greater Than

Manufactured by: Intercon Chemical Company 1100 Central Industrial Drive, St. Louis, MO 63110