

937839 MATERIAL SAFETY DATA SHEET MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026
Medical Calls from Outside of the USA: 1-612-851-8162 INSTITUTIONAL DIVISION Ecolab Inc. Ecolab Center St.
Paul MN 55102 Product Information: 1-800-352-5326 Issue Date: May 4, 1999

===== 1.0
IDENTIFICATION / 1.1 Product Name: GUARDIAN ACCLAIM 1.2 Product Type: Chlorinated Alkaline Powdered
Machine Warewash Detergent 1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity: 1

----- Substances Subject
to SARA 313 Reporting Are Indicated by "#"

----- 2.0 HAZARDOUS
COMPONENTS / (mg/m3) CAS No. % PEL TWA 2.1 Sodium metasilicate 6834-92-0 27 No No 2.2 Sodium
dichloroisocyanurate dihydrate 51580-86-0 1 No 0.5* *Supplier recommendation 2.3 Sodium tripolyphosphate
7758-29-4 18 No No 2.4 Sodium carbonate (soda ash) 497-19-8 52 No No *Note: For nuisance particulates (in
mg/m3): ACGIH TWA = 10 inhalable and/or 3 respirable; OSHA PEL = 15 total and/or respirable.

----- STEL = ACGIH
short term exp. limit (15 min) PEL = OSHA 8 hr ave in air TWA = ACGIH 8 hr average C = ceiling limit in air, do not
exceed ----- 3.0

PHYSICAL DATA / 3.1 Appearance: Blue speckled powder; faint chlorine odor 3.2 Solubility in Water: Appreciable 3.3
pH: 10.5-11.5 (0.2%)

----- 4.0 FIRE AND
EXPLOSION DATA / 4.1 Special Fire Hazards: None 4.2 Fire Fighting Methods: Does not support combustion. Use
CO2 for small fires near this product, since wetting product can cause an exothermic reaction. Extinguish thermal
decomposition by flooding with water.

----- 5.0 REACTIVITY
DATA / 5.1 Stability: Stable under normal conditions of handling. Keep product dry. Do not store in a wet or moist
area. 5.2 Conditions to Avoid: Reacts violently with acids.

----- 6.0 SPILL OR
LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT 6.1 Cleanup: Pick up without raising dust. Flush
area with water. 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.

===== 7.0 HEALTH
HAZARD DATA / DANGER 7.1 Effects of Overexposure to Concentrate: Eyes: CAUSES CHEMICAL BURNS. May
cause blindness. ++ Immediate water flushing is vital in case of eye contact ++ Skin: CAUSES CHEMICAL BURNS.
Harmful contact may not cause Immediate pain. If Swallowed: HARMFUL OR FATAL. Causes chemical burns of
mouth throat and stomach. If Inhaled: Damages airways and lungs, depending on amount and duration of exposure.
Effects vary from irritation to bronchitis or pneumonia. People with lung problems may be more affected.

----- 8.0 FIRST AID / 8.1
Eyes: Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding
eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY. 8.2 Skin: Immediately flush skin with
plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes; discard or wash
well before reuse. 8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water. DO NOT induce
vomiting. NEVER give anything by mouth to an unconscious person. 8.4 If Inhaled: Immediately move to fresh air.
IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026, A POISON CONTROL CENTER
OR A PHYSICIAN -----

9.0 PROTECTIVE MEASURES / 9.1 CONCENTRATE: Eyes: Wear chemical splash goggles. For continued or severe
exposure wear a face shield over the goggles. Skin: Use industrial rubber glove, other protection as necessary to
avoid skin contact. Respiratory: Avoid breathing dusts or mists of this product.

----- 10.0 ADDITIONAL
INFORMATION/PRECAUTIONS / 10.1 Purpose of 05/04/1999 issue: Review and revise section 2. KEEP OUT OF
REACH OF CHILDREN The above information is believed to be correct with respect to the formula used to
manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond
our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING
ACCURACY OF THIS INFORMATION.