

985622 MATERIAL SAFETY DATA SHEET: USA MEDICAL EMERGENCIES ONLY (24 Hour Service):
1-800-328-0026 Medical Calls from Outside of the USA: 1-651-222-5352 INSTITUTIONAL DIVISION Ecolab Inc.
Ecolab Center St. Paul MN 55102 Product Information: 1-800-352-5326 Issue Date: October 23, 2003

===== 1.0
IDENTIFICATION / 1.1 Product Name: OASIS 144 1.2 Product Type: Quat Sanitizer Concentrate – EPA Reg No
1677-43 1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity: 0

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

----- 2.0 HAZARDOUS
COMPONENTS / (in mg/m3) CAS No. % PEL TWA 2.1 Alkyldimethylbenzyl ammonium chlorides 68424-85-1 10 No
No 2.2 Ethanol (ethyl alcohol) 64-17-5 1-5 1900 1880

----- PEL = OSHA 8
hour average in air TWA = ACGIH 8 hour average in air

----- 3.0 PHYSICAL
DATA / 3.1 Appearance: Clear, dark purple liquid; sweet odor 3.2 Solubility in Water: Mixes with water in all
proportions 3.3 pH: 7.5 (at 100%) 3.4 Initial Boiling Point: > 212 deg F / 100 deg C 3.5 Specific Gravity: 0.993 @ 68
deg F / 20 deg C

----- 4.0 FIRE AND EXPLOSION DATA / 4.1 Special Fire Hazards: None, does not support combustion. 4.2 Fire Fighting
Methods: Use method appropriate for surrounding fire.

----- 5.0 REACTIVITY
DATA / 5.1 Stability: Stable under normal conditions of use and handling. 5.2 Conditions to Avoid: Anionic surfactants
reduce effectiveness of quat compounds. Use only according to label directions.

----- 6.0 SPILL OR
LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT 6.1 Cleanup: Dike or dam large spills. Pump to
containers or soak up on inert absorbent. Flush residue to sanitary sewer. 6.2 Waste Disposal: Consult state/local
authority for limits on chemical waste disposal. Do not let product enter directly into rivers or lakes.

===== 7.0 HEALTH
HAZARD DATA / DANGER 7.1 Effects of Overexposure to Concentrate: Eyes: Causes severe irritation. Untreated
contact may cause chemical burns, permanent damage, or blindness. Skin: Causes moderate to severe irritation.
Untreated contact may cause severe irritation or chemical burns. If Swallowed: Harmful. May cause chemical burns of
mouth, throat and stomach. If Inhaled: Mists may cause irritation to mouth, throat, or lungs.

----- 8.0 FIRST AID /
8.1 Eyes: Flush at once with cool running water. Remove contact lenses and continue flushing for 15 minutes, holding
eyelids apart so as to rinse entire eye. SEEK MEDICAL ATTENTION 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 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 FOR CONCENTRATE: Eyes: Wear chemical splash goggles. For continued or
severe exposure wear a face shield over the goggles. Skin: Wear any impervious gloves, other protective equipment
as necessary to prevent skin contact. Respiratory: Avoid breathing mists or vapors of this product. Note: Provide
access to emergency eye wash and shower.

----- 10.0 ADDITIONAL
INFORMATION / 10.1 Purpose of 10/23/2003 issue: Added line 1.3; editorial update. Replaces July 2, 1997 issue.
KEEP OUT OF REACH OF CHILDREN The above information is believed to be correct with respect to the formula
used to manufacture the product in the country of origin. 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.