

# 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.... 2  
Flammability.... 0  
Physical Hazard.... 1  
Protection.... B

## SECTION I - PRODUCT IDENTIFICATION

**Product Code: 0974**

**Supersedes date: December 15, 2005**

**Section(s) changed: I, III, VII**

**Effective date: August 18, 2011**

PRODUCT NAME: QUADRA-D  
GENERIC NAME: Solid Laundry Detergent  
DISTRIBUTORS NAME:

CHEMICAL FAMILY: Oxygen Laundry Detergent  
FORMULA: Proprietary Mixture  
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: Cleaning Compound, Not Regulated

LABEL: None

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	RQ
Sodium Percarbonate	10332-33-9	25-30			

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The distributor 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 distributor 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  
Evaporation Rate: (Water=1): NA  
Solubility in Water: EXCELLENT  
Physical Description: Off-White color  
No distinctive odor

Specific Gravity: NA  
Density: NA  
pH Concentrate: NA  
pH Use Dilution: 8-9

## SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): None  
LIMITS: LEL: NA UEL: NA  
EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide, foam,  
if product is involved.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors. Protect eyes and skin from contact. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.

UNUSUAL FIRE & EXPLOSION HAZARD: Oxygen can support combustion and acetic acid will be liberated on heating. Wet product can produce low levels of peracetic acid which can be harmful to eyes and skin.

## SECTION V - REACTIVITY DATA

Stability: Stable.  
Hazardous Polymerization: Will not occur.  
Incompatibility (Materials to Avoid): Strong acids or reducing agents  
Hazardous Decomposition Products: Oxygen, acetic acid, peracetic acid and carbon monoxide.

## SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. WARNING.  
Avoid all contact. Avoid excessive heat--do not exceed storage temperatures of 100° F. Avoid contamination of any kind.  
Other Precautions: Do not get in eyes, on skin or on clothing. Remove & wash contaminated clothing before reuse. Avoid breathing dust.

## SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity:	NTP?	IARC Monographs?	OSHA REGULATED?
NE	NE	YES	YES

EFFECTS OF OVEREXPOSURE:  
SKIN: Irritant  
EYES: Irritant  
INHALATION: Irritant  
INGESTION: Irritation, nausea and vomiting.

EMERGENCY FIRST AID PROCEDURES:  
SKIN: Wash with soap & water for 15 minutes. See physician if burning persists.  
EYES: Flush with flowing water for 15 minutes & see physician.  
INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.  
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: N/A  
VENTILATION: Normal room ventilation  
PROTECTIVE GLOVES: Chemical Resistant gloves for prolonged exposure  
EYE PROTECTION: Safety glasses.  
OTHER PROTECTIVE EQUIPMENT: Eye wash facilities. Safety Shower.

## SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and reclaim for use or flush to sewer.  
WASTE DISPOSAL METHOD: Rinse container before discarding. Dispose of in accordance with applicable Federal, State & Local regulations.

## 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