

Ajax® Oxygen Bleach Cleanser

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ACUTE HEALTH... 1
FIRE..... 0
REACTIVITY..... 0

HMIS HAZARD RATING				
Least=0	Slight=1	Moderate=2	High=3	Extreme= 4

PRODUCT NAME: Ajax® Oxygen Bleach Cleanser
 LABEL CODE: 14278, 04275, 04279
 CAS NUMBER: Not applicable – product is a mixture.
 GENERAL USE: A formulated cleanser for Industrial and Institutional use. Easy Rinse Formula packaged as 14 oz. (04275) and 21 oz. (04279). Heavy Duty Formula packaged as 21 oz. (14278).

COLGATE-PALMOLIVE COMPANY
 Institutional Products Division
 191 East Hanover Avenue
 Morristown, NJ 07960-3151

For consumer information: Call (800) 432-8226

EMERGENCY TELEPHONE NUMBER: For emergency involving spill, leak, fire, exposure or accident, call CHEMTREC: (800) 424-9300, day or night.

THE PITTSBURGH POISON CENTER HAS BEEN PROVIDED SPECIFIC INFORMATION FOR USE IN MEDICAL EMERGENCIES INVOLVING THIS PRODUCT: CALL COLLECT: (412) 692-5596.

2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS (present at a concentration > or = 1%):

Component	CAS #	%	PEL	TLV
Calcium Carbonate	1317-65-3	90-95	5mg/m ³	10mg/m ³

The following components, present at a concentration > or = 0.1%, are listed as carcinogens or potential carcinogens by either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

Component	CAS #	%	PEL	TLV
Crystalline Silica	14808-60-7	0.7	0.1mg/m ³	0.1mg/m ³ respirable dust

3. HAZARDS IDENTIFICATION

THIS MIXTURE HAS NOT BEEN TESTED AS A WHOLE.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Direct exposure to large amounts may cause eye irritation, but no permanent eye injury is expected.
 SKIN CONTACT: May cause skin irritation upon prolonged and excessive contact. However, no skin irritation is expected with normal, daily use.
 INGESTION: May be harmful if swallowed in large quantities.
 INHALATION: Overexposure to dust may cause respiratory tract irritation.
 CHRONIC: This product contains a small amount of crystalline silica, a naturally occurring impurity in calcium carbonate. NTP has listed crystalline silica as a known human carcinogen based on increased lung cancer rates in workers exposed to respirable-size (breathable) crystalline silica, primarily quartz and cristobalite, that are generated during sandblasting or similar activities in an occupational setting. IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans. However, under normal conditions of product use, no significant health risk to humans is expected.

4. FIRST AID MEASURES

EYE CONTACT: Flush eye with large amounts of water for 15 minutes. Get medical attention if irritation persists.
 SKIN CONTACT: Flush area with plenty of water. Get medical attention if irritation persists.
 INGESTION: Drink 2-4 ounces of a clear liquid. Get medical attention.
 INHALATION: Remove victim to fresh air. Get medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES

Flash Point (Method): Not applicable
 Extinguishing Media: Water spray, All-purpose dry chemical
 SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Use dustless methods (vacuum) to remove spills and place in disposal container. Do not dry sweep. Face masks and protective suits must be worn in situations where dust cannot be controlled. Wetting processes to control dusts must be used wherever feasible.

7. HANDLING AND STORAGE:

Store in a cool, dry place. Keep container sealed to avoid absorption of moisture from air and possible loss of bleaching function.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONTROLS: Avoid eye contact. Avoid dust inhalation.
 PROTECTIVE CLOTHING: Under normal conditions of use, no special precautions or control measures are required. In processing and packaging operations, the use of safety goggles and rubber gloves is recommended.
 SPECIAL PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Fine, white, heavy powder.
Faint soapy odor.
Specific Gravity: 10.0 lb.gal

Solubility: Moderate
pH (1% slurry): 10.3 ± 0.2

10. STABILITY AND REACTIVITY

GENERAL: This product is stable. Hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS: None known.
HAZARDOUS DECOMPOSITION: None known.

11. TOXICOLOGICAL INFORMATION

Not available.

12. ECOLOGICAL INFORMATION

Not known.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state government agency for specific rules). Do not dump into sewers, any body of water, or onto the ground.

14. TRANSPORTATION

This product is not regulated as a DOT hazardous material.

15. REGULATORY INFORMATION

RCRA (40 CFR 261, Subpart D): Not Applicable.

CLEAN WATER ACT: Not Applicable.

CLEAN AIR ACT: Not Applicable.

SARA:
Sections 301-304 (Threshold planning quantity – TPQ)
40 CFR 355: Not Applicable.

Section 313 (Toxic chemical release reporting)
40 CFR 372: The following chemicals must be reported under
SARA 313: Not Applicable.

CERCLA:
Section 102 (Reportable Quantity – RQ)
40 CFR 302: Not Applicable.

TSCA Section 8(b) INVENTORY STATUS:
All ingredients in this product are listed on the TSCA
Inventory or are not required to be listed on the TSCA
Inventory.

NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:

This product contains the following components
subject to reporting requirements:
Crystalline silica

PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:

This product contains the following components
subject to reporting requirements:
Calcium carbonate

MASSACHUSETTS SUBSTANCE LIST:

This product contains the following components
subject to reporting requirements:
Crystalline silica

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains the following components
subject to reporting requirements: None

CANADA:

Workplace Hazardous Materials Information System
(WHMIS)-listed material.
This product contains the following components
subject to reporting requirements:
Sodium carbonate

16. OTHER INFORMATION

Effective Date: September 5, 2000
Supercedes MSDS dated February 16, 2000
MSDS Status: Revised Sections 1, 3, 8

The information on this sheet is limited to the material identified and is believed by the Colgate-Palmolive Company to be correct based on its knowledge and information as of the date noted. Colgate-Palmolive makes no representation, guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 1 Flammability = 0 Reactivity = 0
 HMIS RATING: Health = 1 Flammability = 0 Reactivity = 0

SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (0744A)

Manufacturer's Name: HILLYARD INDUSTRIES Product Name: ASSURANCE
 Address: 302 North Fourth Street Date Prepared: June 16, 1995
 St. Joseph, MO 64501 Prepared by: Regulatory Affairs Department
 Emergency Telephone No.: (800)-424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals.) Other information calls: (816)233-1321(Ext. 2303)
<http://www.hillyard.com>

SECTION II -- INGREDIENTS/IDENTITY INFORMATION

Components (Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Sodium Metasilicate (1)	6834-92-0	not established	not established	2 mg/m ³	3-8
Water	7732-18-5	none	none	N/A	---
Sodium Carbonate	497-19-8	not established	not established	N/A	---
Akyl imino acid, sodium salt	64972-19-6	not established	not established	N/A	---
Polyoxyethylene Thioether	9004-83-5	not established	not established	N/A	---

(1) Exposure may be evaluated as ceiling for Sodium hydroxide per OSHA: PEL = 2 mg/m³ or TLV = 2 mg/m³.

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 215°F Specific Gravity (H₂O = 1): 25°C = 1.08 & 39°C = 1.08
 Vapor Pressure (mm Hg.): 17.6 Percent Volatile by Volume (%): 88 %
 Vapor Density (AIR = 1): 0.6 Evaporation Rate (ethyl ether = 1): slower than 1
 Solubility in Water: complete Appearance and Odor: Clear, orange liquid; lemon odor
 pH (concentrate) = 13.0

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None to boiling (Tag Closed Cup) Flammable Limits: LEL N/A UEL = N/A
 Extinguishing Media: Foam, dry chemical, carbon dioxide, water spray
 Special Fire Fighting Procedures: None known to manufacturer
 Unusual Fire and Explosion Hazards: None known to manufacturer

SECTION V -- PHYSICAL HAZARDS

Stability: Stable Conditions to Avoid: None known to manufacturer
 Incompatibility (Materials to Avoid): Avoid strong oxidizing agents. Do not use with aluminum equipment at temperatures above 120°F.
 Hazardous Decomposition Products or Byproducts: None known to manufacturer
 Hazardous Polymerization: Will not occur Conditions to Avoid: N/A

SECTION VI -- HEALTH HAZARD DATA

Routes of entry: Inhalation? Yes Skin? Yes Ingestion? Yes

HEALTH HAZARDS (1. Acute and 2. Chronic)