

MSDS
MATERIAL SAFETY DATA
SHEET

AMCOR MANUFACTURING, INC.
500 WINMOORE WAY MODESTO, CA 95358

24-HOUR EMERGENCY TRANSPORTATION RESPONSE
NUMBER 800-424-9300

NFPA 704 DESIGNATION

PRODUCT NAME: BRADY OXY DETERGENT

PRODUCT NUMBER: 1985.185

CHEMICAL FAMILY: Peroxide & Detergent

HEALTH	2
FIRE	0
REACTIVITY	1
SPECIAL	OXY

SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES

CAS #	7722-84-1
CHEMICAL NAME	Hydrogen Peroxide
% BY WEIGHT	10-20%
OSHA/PEL	1.4 ppm
ACGIH/TLV	1 mg/m ³ (Ceiling)
OTHER	n/a

CERCLA: Listed
Reportable Quantities: Not Listed
Threshold Planning Quantity: None

RCRA: Not Listed
SARA Title III: Not Listed

SECTION II-PHYSICAL DATA

Boiling Point:	217°-236°F	Vapor Pressure:	N/A
Vapor Density (Air=1):	N/A	Solubility in Water (% by Wt.):	Complete
% Volatiles by Volume:	100%	Evaporation Rate:	N/A
Specific Gravity:	1.05-1.08	pH of Concentrate:	2-3

Appearance and Odor: Clear, colorless liquid with no odor.

SECTION III-FIRE AND EXPLOSION DATA

Flash Point: None
Hazardous Polymerization: ☐ Will Occur ☒ Will Not Occur
Flammable Limits: N/A
Lower Explosive Limits: N/A
Upper Explosive Limits: N/A

Extinguishing Media: Water spray, carbon dioxide, foam or dry chemical.
Special Firefighting Procedures: Use self-contained breathing apparatus. When heated to decomposition, it will give off hazardous gases based on hydrogen and oxygen.

Unusual Fire and Explosion Hazards: May combine with various metals at decomposition to form further flammable mixtures. This material is a strong oxidizer and releases O₂.

Conditions to Avoid: Elevated temperatures. Combustibles such as wood, paper, alkalis, heavy metals. Mixtures with both organics and many acids may be especially reactive and dangerous.

SECTION IV-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: (Refer to Section I)

EFFECTS OF OVEREXPOSURE: Causes skin burns. May cause major eye irritation. Inhalation of vapors causes lacrimation and irritation of mucous membranes.

EMERGENCY AND FIRST AID PROCEDURE:

SKIN: Immediately wash affected area thoroughly with soap and water for 15 minutes. Remove any contaminated clothing and launder before reuse.

EYES: Flush eyes with copious amounts of water for at least 15 minutes, making sure eyelids are kept open. Seek medical attention if irritation or burning persists.

INGESTION: Have victim drink several glasses of water or milk. Do not force an unconscious person to drink anything by mouth. DO NOT INDUCE VOMITING. Contact a physician or poison control center.

INHALATION: Strong respiratory irritant. Remove to fresh air and provide oxygen if severe distress continues. Seek medical attention. Pulmonary edema may develop in very acute cases.

SECTION V-REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: High temperatures may cause evolution of oxides and oxygen.

INCOMPATIBILITY: Acetic anhydride, reducing agents, organics, metals, caustic.

HAZARDOUS DECOMPOSITION: Oxygen.

SECTION VI-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills (less than 1 gallon) may be flushed to an approved sewer line with large amounts of water. Larger spills should be neutralized with dilute caustic or soda ash and collected for disposal. Dike area with sand to prevent spread of spill prior to clean-up procedures.

WASTE DISPOSAL METHOD: Dispose of in accordance with all federal, state and local regulations. Do not release the concentrated or diluted product directly into storm drains or undedicated surface or groundwater supplies. This product is environmentally biodegradable under all conditions associated with normal use. Read label instructions.

SECTION VII-PROTECTIVE EQUIPMENT

VENTILATION: Forced air, local exhaust or open air is adequate.

PERSONAL PROTECTIVE EQUIPMENT: Wear at least chemical resistant gloves and eye protection when handling, moving or using this product. Artificial breathing apparatus is recommended.

WORK/HYGENIC PRACTICES: Never enter an area with high levels of acid gases in the air without wearing a self-contained or forced air breathing apparatus.

SECTION VIII-REGULATORY INFORMATION

See Section I.

SECTION IX-STORAGE AND HANDLING

Do not contaminate water, food or feed by storage or disposal. Keep product in a tightly closed container when not in use. Product may be placed in a plastic container for temporary use, but do not form an airtight seal. Do not use flames, smoke or allow flares or spark-producing tools. Do not drop, roll or skid drum. Store in a cool, dry, well-ventilated area away from heat and open flame. Triple-rinse container. Offer for recycling, reconditioning or puncture and dispose of in a sanitary landfill; or incinerate if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SECTION X-GENERAL PRECAUTIONS

This product degrades rapidly in sunlight. KEEP AWAY FROM CHILDREN AND ANIMALS. FOR INDUSTRIAL USE ONLY. DO NOT REUSE CONTAINER. AVOID BREATHING CONCENTRATED VAPORS.