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CHURCH & DWIGHT CO., INC.
469 NORTH HARRISON STREET
PRINCETON, NEW JERSEY 08543-5297

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MATERIAL SAFETY DATA SHEET
MSDS NUMBER: MSDS 930
ISSUE DATE: 03/27/92
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1. PRODUCT IDENTIFICATION

Product Name
DEVELOPMENTAL PRODUCT
EXP 200E AQUEOUS CLEANER

Emergency Phone:
1-609-683-5900 (USA)

Medical Emergency Phone:
1-800-228-5635, Ext. 007 (USA)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredient (% by wt.) CAS Number

Proprietary Formula - Trade Secret

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear colorless liquid; no odor.
Mild to moderate skin and eye irritation
potential. No other significant health
or environmental effects associated with
this material.
Not a fire hazard.

HMIS Rating
Health 1
Fire 0
Reactivity 0

Potential Health Effects

EYE: Irritation and burning sensation in eyes.

SKIN CONTACT: Slightly irritating; various severities of irritation are possible on prolonged, repeated or occluded contact.

INGESTION: Non-toxic. Ingestion of small amounts not likely to cause injury. Ingestion of large amounts may cause abdominal discomfort or injury.

INHALATION: Non-toxic. Inhalation of mists may cause irritation to nose, throat and lungs.

SUBCHRONIC EFFECTS/CARCINOGENICITY: None known.

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4. FIRST AID MEASURES

EYES: Remove contact lenses if applicable. Flush eyes with clean flowing water, low pressure and lukewarm if possible, immediately and continuously for 15 minutes. Seek medical attention for moderate or persistent irritation.

SKIN: Remove contaminated clothing. Flush exposed areas thoroughly with water.

INGESTION: If ingested, give milk or water to drink. Do not give anything orally to an unconscious person. Seek medical attention.

INHALATION: Not a likely route of exposure. If over-exposure occurs, remove to area free from risk of further exposure. Treat symptomatically. Seek medical attention if irritation persists.

NOTE TO PHYSICIAN: Ingestion of large amounts may cause systemic alkalosis. Treatment based on judgement of physician in response to reactions of patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Non-flammable; non-combustible

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Use extinguishing media for surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Carbon dioxide may be generated by thermal decomposition or exposure to acids. Wear self contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6. ACCIDENTAL RELEASE MEASURES

Flush small quantities (<100 gal.) to sewer or other waste water system with large quantity of water. Large spills should be contained and treated to lower pH, and then disposed of in suitable waste containers or flushed to sewer as local regulations permit. Prevent skin and eye contact by wearing rubber gloves and goggles.



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7. HANDLING AND STORAGE

Store in original containers. Keep containers tightly closed. Store away from acids. Wear proper protective equipment for transfer of material or cleaning up spills.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None under normal use conditions.

PROTECTIVE GLOVES: Impervious gloves for handling solutions during transfer of material and cleanup of spills.

EYE PROTECTION: Safety goggles recommended for transfer of liquid or if mists are generated.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Full clean cover clothing is sufficient. If contact with clothing is unavoidable, or if open mist is generated, use aprons.

PROTECTIVE WORK/HYGIENIC PRACTICES: No special requirements under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless

ODOR: Low to none

PHYSICAL STATE: Liquid

pH AS IS: 10.5 - 10.9

pH (1% SOLN. w/v): Not applicable

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

BOILING POINT: Not determined

FREEZING/MELTING POINT: Not determined (FP)

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY (water = 1): Approx. 1.15 g/cc

VOLATILE: Approximately 80%

VOLATILE ORGANIC COMPOUNDS: None

MOLECULAR WEIGHT: Not applicable (mixture)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Freezing temperatures.

INCOMPATIBILITY WITH OTHER MATERIALS: Reacts with acids to release carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS: In the unlikely event of thermal decomposition (>900°F), carbon dioxide and alkali oxides can form.

HAZARDOUS POLYMERIZATION: Will not occur.

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11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Product can be anticipated to be a moderate eye irritant based on pH. Highly irritating on prolonged exposure.

SKIN EFFECTS: PDII of 1.0 for 4 hour test on rabbits. Slight irritation potential under conditions similar to those tested.

ACUTE ORAL EFFECTS: Non-toxic; LD₅₀ >5g/kg

12. DISPOSAL CONSIDERATIONS

Dispose of spilled or waste product and other large amounts in accordance with all local, state and federal environmental regulations. Rinse containers, and depending on size, discard as trash, recycle or dispose of in licensed facility. State and local regulations may differ from federal. Be sure to consult with appropriate agencies for specific rules.

13. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated.
TECHNICAL SHIPPING NAME: EXP 200E AQUEOUS CLEANER
D.O.T. HAZARD CLASS: Not applicable
U.N./N.A. NUMBER: Not applicable
HAZARDOUS SUBSTANCE/RQ: Not applicable
D.O.T. LABEL: Not applicable
D.O.T. PLACARD: Not applicable

14. MISCELLANEOUS INFORMATION

Additional Regulations

Material is reported in EPA TSCA Inventory List No*
Is material listed as carcinogen or potential carcinogen?
NTP Annual Report No
IARC Group I or II No
OSHA 29CFR Part 1910, Subpart 2 No
ACGIH Appendix A No

* Active components are reported in EPA TSCA Inventory, 1980.

SUPERSEDES DATE: 03/24/92

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