

MATERIAL SAFETY DATA SHEET

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SUPERCEDES: 01/06/03

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CHEMTREC: 1-800-424-9300

SECTION 1: GENERAL INFORMATION

PRODUCT NAME: Professional APC Plus
PRODUCT ID: DP211

NFPA 704
HAZARD RATING
4=Severe H=2
3=Serious F=0
2=Moderate R=1
1=Slight
0=Minimal

SECTION 1A: D.O.T. SHIPPING INFORMATION

Proper Shipping Name: NON-REGULATED MATERIAL
Hazard Class: N/A
UN/NA: N/A
Packaging Group: N/A

NOTE: N/A = NOT APPLICABLE

EMERGENCY OVERVIEW

WARNING. Contact with eyes can produce severe irritation or burns. May cause skin irritation. Prolonged skin contact may cause burns. Harmful if swallowed. Inhalation of mist may cause irritation of the respiratory tract. Avoid contact with eyes and skin. Avoid breathing mist. Do not ingest. Wash thoroughly after handling.

SECTION 2: HAZARDOUS INGREDIENTS

#	INGREDIENT	CAS #	OSHA PEL (ppm or *mg.M ³) +=skin, c=ceiling	ACGIH TLV (ppm or *mg.M ³) +=skin, c=ceiling	WEIGHT %
1	Proprietary Surfactant Blend	N/A	N/A	N/A	1-10
2	Tetrasodium salt of EDTA	64-02-8	N/A	N/A	1-10
3	Sodium Metasilicate	6834-92-0	N/A	N/A	1-10

SECTION 3A: SARA TITLE III INFORMATION

#	EHS RQ (LBS) 1*	EHS TPQ (LBS) 2*	SEC 313 3*	313 CATEGORY 4*	311/312 CATERGORIES 5*
1	N/A	N/A	N/A	N/A	H-1
2	N/A	N/A	N/A	N/A	H-1
3	N/A	N/A	N/A	N/A	H-1,H-2

*1= Reportable Quantity of Extremely Hazardous Substance. Sec 302.

*2= Threshold Planning Quantity, Extremely Hazardous Substance. Sec 302.

*3= Toxic Chemical. Sec 313.

*4= Required by Sec. 313 (40 CFR 372.42) used on Toxic Release Inventory Form

*5= Hazard Category for SARA Sec. 311/312 Reporting.

HEALTH HAZARD:

PHYSICAL HAZARD:

H-1 = Immediate (acute)

P-3 = Fire

H-2 = Delayed (chronic)

P-4 = Sudden Release of Pressure

P-5 = Reactive

SECTION 3B: CERCLA INFORMATION

EPA - Comprehensive Environmental Response, Compensation and Liability Act. Under EPA - CERCLA (Superfund) releases to air, land or water which exceed the reportable quantity must be reported to the National Response Center, 1-800-424-8802

REPORTABLE QUANTITY FOR RELEASE (RQ) = No.

SECTION 3C: RCRA INFORMATION

EPA - RCRA Hazardous waste as specified in 40 CFR 261? Yes. Characteric: D002: Corrosive

SECTION 4: PHYSICAL/CHEMICAL DATA

BOILING POINT : >212F, >100C @ 1 ATM

% VOLATILE : 91

VAPOR DENSITY : Approximately that of water.

WT/GALLON : 8.72

SPECIFIC GRAVITY: 1.047

SOLUBILITY : Complete

EVAPORATION RATE : Approximately that of water.

pH : 13.5

APPEARANCE & ODOR: Thin hot pink liquid with pleasant odor.

SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: >200F TEST: PMCC (D93)
EXPLOSIVE LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Use water spray, dry chemical, CO2 or "alcohol" foam.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear as a general precaution.

SECTION 6: REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Does not occur.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids, oxidizing agents and excessive heat.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon, Nitrogen, Sulfur and other toxic gases.

SECTION 7: HEALTH HAZARD (ACUTE/CHRONIC)

CARCINOGENICITY: NTP: N IARC: N OSHA: N
EFFECTS OF OVEREXPOSURE:
EYES: Causes severe eye irritation or possible burns.
SKIN: Causes skin irritation or possible burns.
INHALATION: Mist may cause irritation to mucous membranes and respiratory tract.
INGESTION: Harmful if swallowed. Symptoms may include abdominal pain, nausea, vomiting, diarrhea.
CHRONIC EFFECTS AND MEDICAL CONDITIONS: May aggravate pre-existing skin and respiratory disorders.

SECTION 8: EMERGENCY AND FIRST AID

EYES: Flush with water for at least 15 minutes. Consult physician at once.
SKIN: Thoroughly wash exposed area with water. Remove contaminated clothing and wash before reuse. If irritation develops, seek medical advice at once.
INHALATION: Move person to fresh air and consult physician at once.
INGESTION: Call physician immediately. Only induce vomiting at the direction of a physician.

SECTION 9: PERSONAL PROTECTIVE MEASURES

EYES: Wear eye protection when eye contact is possible. Contact lenses should not be worn.
SKIN: Depending on conditions of use, protective clothing (i.e. gloves, apron, face protection) should be worn. Wash or discard contaminated items.
RESPIRATORY PROTECTION: No occupational exposure standards have been set for this material. Where overexposure through inhalation may occur, use NIOSH/ MSHA approved respiratory protection equipment.
VENTILATION: Either local exhaust or general room ventilation is generally adequate.
OTHER PROTECTIVE EQUIPMENT: Emergency eye wash fountain and safety shower are recommended.

SECTION 10: SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Handle according to good manufacturing and warehousing practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove contaminated clothing and wash before reuse. Store in original containers away from heat, sparks, open flames, strong acids or strong oxidizers.

SPILLS AND LEAKS: CAUTION: Floor may become slippery. Sweep/soak up small spills using inert material. For large spills, limit access to area. Dike and contain spill with inert material, if necessary, and transfer the material to containers suitable for recovery/disposal. Keep large spills out of sewers and open bodies of water.

WASTE DISPOSAL: Dispose of in accordance with all Federal, State and Local Environmental Laws in effect at the time.

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