

EFT Holdings, INC.	MATERIAL SAFETY DATA SHEET		EFFECTIVE DATE: March 27, 2003
CREATION DATE: 10/10/2002	NAME OF FINISHED SOLUTION: EasyDECON® DF200-531X		REVISION DATE: 08/26/08
TRADE NAMES/SYNONYMS: EasyDECON® DF200, EasyDECON®			
EMERGENCY TELEPHONE NUMBER: 24 Hour Emergency Assistance: ChemTrec: 800-424-9300; 703-527-3887			
MANUFACTURER'S NAME & ADDRESS: General MSDS Assistance: EFT 1012 Oster Drive, Suite A, Huntsville, Alabama 35816; (256) 489-9245			
SECTION I: MATERIAL IDENTIFICATION			
Name & Part Number of Individual Component	Part One - 200-5000	Part Two - 200-0300	Part Three - 0010
SECTION II: COMPOSITION & INFORMATION ON INGREDIENTS			
EXPOSURE LIMITS: COMPONENT/CAS#:QUANTITY %	Quaternary Ammonium Compounds, Benzyl-C12-C16 Alkyl Di-methyl Chlorides: CAS : 68424-85-1 5.5-6.5%	Liquid Hydrogen Peroxide; CAS: 7722-84-1 <8.0%	Diacetin; CAS: 25395-31-7 30-60%
OSHA PEL-ppm mg/m3, AGIH TLVppmmg/m3	1 - OSHA PEL-ppm , 1 - AGIH TLVppm	1 - OSHA PEL-ppm , 1 - AGIH TLVppm	None Established
COMPONENT/CAS#:QUANTITY %	Quaternary Ammonium Compounds; N,N,N,N'- Pentamethyl-N' Tallow Alkyl- trimethylenedi-, Chlorides; CAS: 68607-29-4 1.5-2.5%		
OSHA PEL-ppm mg/m3, AGIH TLVppmmg/m3	1 - OSHA PEL-ppm , 1 - AGIH TLVppm		
INERT INGREDIENTS wt. %:	Balance of formula	Balance of formula	Balance of formula
SECTION III: PHYSICAL DATA			
BOILING POINT:	200F	210F/100C	280F/138C
FREEZING POINT :	26F	32F/0C	NA
SPECIFIC GRAVITY (H2O=1):	1.09 g/cc; 9.255 Lb/gal; (Finished Blend 1.075 g/cc, 8.971 Lb/gal)	1.028 g/cc; 8.579 Lb/gal	1.18 g/cc; 9.875Lb/gal
EVAPORATION RATE:	NA	>0.23	NA
SOLUBILITY IN WATER:	Complete	Complete	Miscible
PH:	10.5-10.7; (Finished Blend, 9.6-9.9)	3.0-6.0	Neutral
APPEARANCE:	clear, pale yellow liquid	Colorless liquid	Colorless liquid
ODOR:	Sweet, soapy	None	Solvent odor
VAPOR PRESSURE (mmHg):		18 @ 68F	<1 mm @ 20C
VAPOR DENSITY (air-1):		0.2	
Haz Rate: Health, Fire, React, Personal Protection	1, 0, 0, B		
SECTION IV: FIRE & EXPLOSION DATA			
FIRE AND EXPLOSION HAZARDS:	Low fire hazard. In a fire, overheated sealed containers may explode from overpressure.	Low fire hazard	Emits carbon monoxide and dioxide
EXTINGUISHING MEDIA:	All types for surrounding fuel sources	Water, water fog, CO2, dry chemical	Water, CO2, dry chemical, alcohol or polymer foam
FLASH POINT:	NONE, by Cleveland open cup	Non Flammable	141C (Open Cup), 146C COC
FIRE FIGHTING:	Move container from fire area if it can be done without risk. Cool well after the fire is out. Reduce vapors with water spray. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.	Flood with water.	If excessive smoke, or fumes are encountered, wear self-contained breathing apparatus and protective clothing. Material decomposes at 250-280C.
SECTION V: HEALTH HAZARD DATA			
EYE:	Contact with eyes may cause irritation; prolonged eye contact may cause permanent damage.	Contact with eyes may cause severe irritation; prolonged eye contact may cause permanent damage.	Material causes irritation.
SKIN:	Prolonged contact with skin may cause irritation	Prolonged contact with skin may cause irritation or discoloration.	Material causes skin irritation. May be harmful by skin absorption
INGESTION:	Can cause damage to mucous membranes. Strong emetic, may cause vomiting and nausea for 24hrs	if swallowed can cause damage to digestive tract.	May be harmful by ingestion.
INHALATION:	No known effects. Aspiration of liquid into respiratory passages may cause damage to mucous membranes.	May cause respiratory tract irritation	May cause respiratory tract irritation
CARCINOGENICITY:	This product or (components of its mixture) is not listed in IARC Monograph, the NTF Sixth Annual Report or the current ACGIH TLV's as a carcinogen or potential carcinogen.		
EMERGENCY AND FIRST AID PROCEDURES:			
EYE CONTACT:	Immediately flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.	Immediately flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Then get immediate medical attention.
SKIN CONTACT:	Flush with cool running water. If irritation develops get medical attention.	Flush with cool running water. If irritation develops get medical attention	Immediately wash skin with soap and copious amounts of water while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. If irritation develops get medical attention.

Name & Part Number of Individual Component	Part One - 200-5000	Part Two - 200-0300	Part Three - 0010
INGESTION:	If conscious, give plenty of water. DO NOT induce vomiting. DO NOT give liquids by mouth to an unconscious patient. Get medical attention.	If conscious, give 2-4 cups of water. DO NOT induce vomiting. (DO NOT give liquids by mouth to an unconscious patient) Get medical attention.	Wash mouth out with water. Get medical attention.
BREATHING:	Move to fresh air. If breathing becomes labored consider oxygen, get medical attention. Give rescue breathing if breathing stops, get medical attention.	Move to fresh air. If breathing becomes labored consider oxygen, get medical attention. Give rescue breathing if breathing stops, get medical attention.	Move to fresh air.
<b>SECTION VI: STABILITY AND REACTIVITY</b>			
STABILITY:	Stable at normal temperatures and pressure.	Decomposes slowly to release oxygen	Stable up to 200C, then progressive charring.
REACTIVITY:	Stable at normal temperatures and pressure	Stable at normal temperatures and pressure.	No Information
CONDITIONS TO AVOID:	Minimize contact. Keep out of water supplies	Heat, rust, dirt, organic materials	
INCOMPATIBILITIES:		Cyanide, hexavalent chromium compounds, nitric acid, potassium permanganate, strong reducing agents, other flammable materials, metals	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION:	Thermal decomposition products: oxides of carbon and nitrogen,	Release of oxygen	Release of oxides of carbon
POLYMERIZATION:	Will not polymerize	Will not polymerize	Will not polymerize.
<b>SECTION VII: SPILL &amp; ACCIDENTAL RELEASE MEASURE</b>			
IN CASE OF RELEASED/SPILLED MATERIAL:	Keep out of water supplies. Flood with water. Drain to a chemical sewer or wastewater treatment plant.	For large quantities, flood with water and drain to a chemical sewer or wastewater treatment plant. For small quantities, flood with water. Material decomposes rapidly when on the ground.	Flood with water and drain to a chemical sewer or wastewater treatment plant.
OCCUPATIONAL RELEASE:	Stop leak without personal risk	Do not touch spilled material. Stop leak if possible without personal risk.	Do not touch spilled material. Stop leak if possible without personal risk.
<b>SECTION VIII: EXPOSURE CONTROLS, PERSONAL PROTECTION</b>			
VENTILATION:	Provide local exhaust or process enclosure ventilation system.	Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.	Provide local exhaust or process enclosure ventilation system
EYE PROTECTION:	Wear splash resistant safety goggles. Provide an emergency eye wash fountain.	Wear splash resistant safety goggles with a face shield. Provide an emergency eye wash fountain.	Wear splash resistant safety goggles with a face shield. Provide an emergency eye wash fountain.
CLOTHING:	Wear appropriate chemical resistant clothing	Wear appropriate chemical resistant clothing.	Wear appropriate chemical resistant clothing.
GLOVES:	Wear appropriate chemical resistant gloves	Wear appropriate chemical resistant gloves	Wear appropriate chemical resistant gloves
RESPIRATOR:	For prolonged use or exposure in unventilated structures, a NIOSH approved respiratory protection may be needed.	For prolonged use or exposure in unventilated structures, a NIOSH approved respiratory protection may be needed.	NIOSH/MSHA-approved respirator
<b>SECTION IX: ADDITIONAL INFORMATION &amp; PRECAUTIONS</b>			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Store and handle in accordance with all current regulations and standards. OSHA 29 CFR 1910.106. See original container for storage recommendations. Keep separated from incompatible substances	CAUTION! May cause skin irritation. May cause respiratory and digestive tract irritation. May cause severe eye irritation and possible injury. Do not get in eyes. Avoid contact with skin and clothing. Avoid contact with flammable or combustible materials. OTHER PRECAUTIONS: Contact with organic liquids or vapors may cause immediate fire and explosion, especially if heated or may result in delayed detonation. Conduct all initial experiments on small scale and protect personnel with adequate shielding, as reactions are unpredictable, being affected by impurities, contaminants, etc.	Safety shower and bath. Use only in well ventilated area. Avoid inhalation. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Irritant. Keep tightly closed. Store in a cool dry place. There are no ingredients or no ingredients of sufficient quantity in this product to require reporting under SARA or CERCLA statutes. TSCA: All components of this chemical are listed on the TSCA inventory.
<b>SECTION X: D.O.T. SHIPPING AND STORAGE INFORMATION</b>			
PROPER SHIPPING NAME:	Not regulated	Not regulated	Chemical, n.o.s
HAZARD CLASS:	NA	NA	NA
D.O.T. LABEL REQUIRED:	None	None	None
PACKAGING GROUP:	NA	NA	NA
UN/UA:	NA	NA	NA
REPORTABLE QTY OF PRODUCT:	NA	NA	NA
<b>This information is given without any warranty or representation. It is believed to be correct but does not claim to be all-inclusive and shall be used only as a guide. EFT Holdings, Inc. shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.</b>			