Material Safety Data Sheet  
EaCo CHEM Inc.

SECTION: 1  
Product Name: EF-fortless  
Product Use: Efflorescence remover  
Name of Manufacturer: EaCo CHEM INC.  
Address: 765 Commerce Ave  
New Castle PA 16101  
Emergency telephone: 1-800-255-3924  
Date Prepared: 4-1-10  
DOT Classification:  

SECTION: 2  
CHEMICAL NAME  

Ingredients not precisely identified are propriety or non hazardous under Federal Hazard Communication Standard (29 CFR 1910.1200)  
Note: N/E = Not established

SECTION: 3  
HAZARDS IDENTIFICATION  
Route(s) of entry: Eyes, Skin, Ingestion, Inhalation.  
Chemical listed as carcinogen: NO  
Or potential arcinogen: NO  
National Toxicology Program: NO  
I.A.R.C. Monographs: NO  
OSHA: NO  
Signs and symptoms of exposure: Irritation to skin and eyes. Respiratory dermatitis or skin irritations. Mucous membrane infections.  
Medical conditions generally aggravated by exposure: Respiratory dermatitis or skin irritations. Mucous membrane infections.

SECTION: 4  
EMERGENCY AND FIRST AID PROCEDURES  
EYES: Remove contact lenses at once. Flood eyes with water for 15 minutes. Seek immediate medical attention.  
SKIN: Wash off with soap and water immediately. Seek medical attention.  
INGESTION: Drink copious amounts of water. Do not induce vomiting. Seek immediate medical attention.  
INHALATION: Remove to fresh air. Seek medical attention if irritation persists. Call physician.

SECTION: 5  
FIRE FIGHTING MEASURES  
Flash Point and Method: None, product not expected to burn or support combustion  
Hazardous decomposition products: May produce hydrochloric gas.  
Means of extinction: Use method suitable for surrounding media  
Special procedures: If material comes in contact with certain metals it may cause corrosion or etch to occur.

SECTION: 6  
PRECAUTIONS FOR SAFE HANDLING AND USE  
Steps to be taken if material is released or spilled: Large spill: Dike and contain for intended use. Small spill: absorb on oil dry and place in approved container for disposal. Make sure proper ventilation and safety equipment is available. Clean up procedures: Neutralize area to complete cleanup with a small amount of weak alkaline solution. Waste Disposal Method: Consult federal, state and local federal regulations in your area. Precautions to be taken in handling and storage: Store in a cool dry place, away from alkalis. Vent bung before opening. Always wear proper protective equipment when handling this product. Avoid wearing contact lenses when using this product.

SECTION: 7  
CONTROL MEASURES  
Respiratory Protection: None needed if exposure limits are not exceeded.  
Ventilation: Local exhaust to maintain TLV.  
Protective Gloves: Yes  
Goggles: Yes  
Work/Hygiene practices: Rubber suit, gloves and goggles. Wash clothing before reuse. Keep off skin and clothing.

SECTION: 8  
PHYSICAL AND CHEMICAL PROPERTIES  
Appearance/Odor: Yellow to amber liquid, mild biting odor.  
Physical State: Liquid  
pH: 2.0  
Vapor Pressure (mmHg): N/A  
Vapor Density (air = 1): N/A  
Specific Gravity (Water = 1): 1.08  
Evaporation Rate: N/A  
Solubility in water: Complete

SECTION: 9  
STABILITY AND REACTIVITY  
Stability: Stable under normal temperatures and pressures.  
Incompatibility (materials to avoid): Alkalis, high heat and metals.  
Hazardous decomposition: May produce hydrochloric gas with high heat.  
Hazardous polymerization: Will not occur.

SECTION: 10  
HAZARD RATING  
HEALTH 1 4 = EXTREME  
FIRE 0 3 = HIGH  
REACTIVITY 1 2 = MODERATE  
PERSONAL PROTECTION B 1 = SLIGHT  
0 = INSIGNIFICANT  
B = Chemical resistant gloves and goggles.

NOTICE: This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all the information required by the CFR.

DISCLAIMER: The information herein is given in good faith, but no warranty, either expressed or implied is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards which exist.