

May 8, 2008

## I. IBM Chemical Management Requirements for Buy on demand Hosted Catalogs

### A. Chemicals requiring flagging

The following chemicals and lead acid batteries require flagging as chemicals in Buy on demand hosted catalogs. Lead acid batteries include batteries used as uninterruptible power supplies (UPS). These chemicals and lead acid batteries can not be listed in ShopOut catalogs. If you have a question regarding whether or not an item in a catalog is a chemical, please contact Doug Johnson at: [dougj@us.ibm.com](mailto:dougj@us.ibm.com)

<b>Chemical Type:</b>	<b>Examples of Chemical Type:</b>
<b>Aerosols:</b>	WD-40 Aerosol, Powerlube Aerosol, Triflow Lubricant
<b>Aerosol and liquid air fresheners:</b>	SSS Command Air Aerosols - Air Fresheners
<b>Air dusters and compressed gas dusters:</b>	Envi-Ro-Tech Duster, MS-222 Duster, TX 104 Microduster
<b>Alcohol wipes and chemical containing cleaning wipes:</b>	Kimwipes, Texwipes, Static-Wipes, Wipe Downs
<b>Analytical chemicals and gases:</b>	Hach Kits, Analytical Reagents, High Purity Gas Standards
<b>Biocides:</b>	Nalco Biocide, Aqueous Microbial Biocide, Water Treatment Biocide
<b>Buffing compounds:</b>	Johnson Wax Buffing Compound, Total Solution Floor Finish Buffing Compound
<b>Calibration gases:</b>	MSA Calibration Gas, National Draeger Gas Mixture, Calibration Sample Kit
<b>Caulk and caulking compounds:</b>	Dap Architectural Caulk, Silicon Caulk, Window and Siding Caulk
<b>Chalk-Powdered:</b>	Strait-Line Marking Chalk, Stanley Professional Chalk
<b>Chemical abrasives and slurries:</b>	Black Beauty Abrasives, Almco Abrasive Compound, Buehler Metapolish
<b>Chemical adhesives, resins, and epoxies:</b>	Loctite Quick Set Adhesive, M-Bond Adhesive Kit, Hysol Epoxy Patch Kit, 3M Spray Adhesive
<b>Chemical corrosives (Acids, bases, etchants):</b>	Sulfuric Acid, Hydrochloric Acid, Sodium Hydroxide, PF Etchant, Chromium Etchant
<b>Chemical disinfectants:</b>	MSA Cleaner-Disinfectant, Floral Disinfectant Spray, Disinfectant Detergent
<b>Chemical degreasers:</b>	Simple Green Degreaser, Natural Blue Cleaner and Degreaser, Heavy Duty Degreaser Aerosol
<b>Chemical dyes, pigments, and colorants:</b>	Dye Tablets (Various Colors), EpoDye, A-Series Pigments, Battleship Gray Colorant
<b>Chemical strippers:</b>	Riston II Stripper Concentrate, High Performance Stripper, Floor Stripper, Heavy Duty Stripper
<b>Cleaners, detergents, and soaps:</b>	All Purpose Cleaner, Citrus Solvent Cleaner, Goop Hand Cleaner, Sure Klean Detergent, Detergent Coil Clean, Pink Hand Lotion Soap, Borax Hand Soap
<b>Clean room chemicals:</b>	Staticide Clean Room # 5001
<b>Compressed gases:</b>	Nitrogen Gas, Oxygen Gas, Acetylene Gas, Carbon Dioxide Gas
<b>Cryogenic liquids:</b>	Liquid Nitrogen, Liquid Oxygen, Liquid Petroleum Gas (LPG)
<b>Cutting fluids and cutting oils:</b>	Protap Cutting Fluid, Hercules Clear Cutting Oil, A-9 Cutting Oil
<b>Fertilizers:</b>	Scotts Fertilizer, Lesco Granular Fertilizer, Nitrogen/Potassium Fertilizer
<b>Finishing compounds:</b>	High Speed Floor Finish, Ultra Finishing Solution, Mohhawk Finishing Compounds
<b>Floor wax:</b>	Johnson Floor Wax, Butcher Company Floor Wax
<b>Floor sealers:</b>	Eclipse Hard Floor Sealer, Hydroline Floor Sealer
<b>Fuel oil:</b>	Fuel Oil # 2, Texaco Fuel Oil, Diesel Oil, Fuel Oil #6
<b>Herbicides:</b>	Confront Herbicide, Trimec Broadleaf Herbicide, Roundup Herbicide
<b>Hydraulic fluids:</b>	Chevron Hydraulic Oil, Coastal Hydraulic Jack Oil, Kendall Hydraulic Fluid
<b>Inorganic solvents:</b>	Water-based solvents

<b>Insecticides:</b>	Drion Insecticide, Dursban Insecticide, Multipurpose Insecticide Concentrate
<b>Janitorial chemicals:</b>	Janitorial Supply Cleaner, Janitorial Supply Disinfectant
<b>Laboratory chemicals:</b>	Lab Test Kits, Analytical Reagents, Hach Lab Reagents, Lapping compounds
<b>Layout fluid and cleaner:</b>	Dyekem Layout Fluids, Precision Blue Layout Fluid
<b>Lead acid batteries and Lead Acid Uninterruptible Power Supplies (UPS) :</b>	Lead Acid Storage Battery, Lead Acid Gel Storage Battery, Lead Acid Electric Storage Battery, Flooded or Wet Cell Lead Acid Battery, Valve Regulated Lead Acid Battery, Modular Battery Cartridge, Sealed Lead Acid Battery, Non-Spillable Lead Acid Battery
<b>Lead foil tape:</b>	3M Lead Foil Tape
<b>Liquid and gaseous coolants:</b>	Antifreeze Coolant, Buckeye Lubricant Coolant, Dow Chem Heat Transfer Fluid, Ingersoll Rand Ultra Coolant
<b>Liquid based cleaners:</b>	Branson Industrial Strength Cleaner, Speedball Power Cleaner, Glass Cleaner, Non-chlorinated Brake Cleaner
<b>Liquid based polishes:</b>	Buehler Micropolish, 3M Stainless Steel Cleaner and Polish, Antistatic polish
<b>Mold release agents used in machine presses:</b>	Stoner Dry Film Mold Release, Conap Mold Release, Silicon Mold Release
<b>Oils, greases, and lubricants:</b>	Mobil DTE Oil, Chevron Motor Oil, Dow Corning Grease, Super White Multipurpose Grease, Silicone Lubricant, Tri-Flow Lubricant
<b>Organic solvents</b>	Mineral Spirits, Glid-Guard Epoxy Solvent, Stoddard Solvent
<b>Paints:</b>	Krylon Spray Paint, Latex Paint, Enamel Paint, Aerosol Lacquer Paint
<b>Paint thinner:</b>	Lacquer Thinner, Parks Paint Thinner, Carbon Paint Thinner
<b>Pesticides:</b>	Organophosphorous Pesticide, Dow Chemical Dursban Pesticide, Diazinon Pesticide, Wasp and Hornet Spray
<b>Photographic developing chemicals:</b>	Kodak Photographic Film Developer
<b>Photoresists:</b>	Riston Photoresist, AZ Photoresist, JSR Photoresist
<b>Plating chemicals:</b>	Shiplely Plating Solution, Gold Plating Bath, Electroplating Solution
<b>Polishes including furniture polish and floor polish</b>	Buehler Micropolish, 3M Stainless Steel Cleaner and Polish, Antistatic polish, Rouge, Buffing Compound
<b>Putties:</b>	Pig Repair Putty, Plastic Steel Putty, SOS Epoxy Putty, Plumbers Putty
<b>Refrigerants:</b>	Freon Refrigerant, CFC-Free Refrigerant, Genetron Refrigerant, HCFC Refrigerant, SUVA Refrigerant
<b>Rust inhibitors and preventers:</b>	Spray On Rust Breaker, Rust Lick, Loctite Rust Treatment
<b>Sanitizing wipes and disinfectant wipes:</b>	Clean Gear Towelette, 3M Respirator Cleaning Wipe, Antimicrobial Hand Wipe
<b>Sealants such as RTV sealant:</b>	Loctite Sealant, Pipe Sealant, Gasket Eliminator Sealant, Silicone Rubber Sealant, Dow Corning Multipurpose Sealant
<b>Solder and solder fluxes:</b>	Tin/Lead Solder, Indium Solder, Bar Solder, Solder Foil, Solder Paste, Soldering Flux, Low Residue Solder Flux
<b>Solvents:</b>	See examples for organic solvents
<b>Spot and stain removers:</b>	All Purpose Spot Remover, Solvent Spot Remover, 3M Carpet Stain Remover, Spot and Stain Remover
<b>Tapping compounds and tapping fluids:</b>	Habcool Tapping Oil, Synthetic Tapping Fluid, Cutting and Tapping Fluid
<b>Toner, developer, fuser oil in containers (not in cartridges)</b>	Toners, developers and fuser oils used in printers, copiers and fax machines
<b>Torch kits with fuel:</b>	Butane Torch Kits
<b>Water treatment chemicals:</b>	Nalco Boiler Treatment Solution, Betz-Dearborn Cooling Tower Treatment Solution, Corrosion Inhibitor, Optisperse Boiler Treatment
<b>Welding gases:</b>	Acetylene, Oxygen, Argon, Tri-mix Welding Gas
<b>Welding rods:</b>	Zinc Alloy Welding Rod, Eutectic Welding Rod, Jetweld Welding Rod

## II. Material Safety Data Sheets

A Material Safety Data Sheet (MSDS) must be provided to IBM upon request or whenever the chemical manufacturer or chemical supplier has updated the MSDS for chemicals previously supplied to IBM by the catalog vendor. IBM prefers to receive an electronic file of the MSDS.

MSDSs must comply with legal requirements for language, information content, and format.

### **III. Chemical Hazard Labels on Containers**

Chemical hazard labels on containers must comply with legal requirements for language, information content and format.

### **IV. Delivery of Chemicals to IBM**

Chemicals must be packaged and delivered to IBM in compliance with applicable legal transportation requirements for hazardous materials/dangerous goods.

Chemicals which are hazardous in transportation and in packagings greater than 220 liters (55 gallons) must be delivered to IBM with transportation prepaid by the shipper and with ownership of the chemical transferring at time of delivery.