Material Safety Data Sheet

NFPA Fire: 3 Health: 1

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 Reactivity: 1 **SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION** Manufacturer's Name, Address: Franklin Cleaning Technology - P.O. Box 214 - Great Bend, KS 67530 Product Name: Vangard Disinfectant Spray Product Number: F8062 Chemical Family: Pressurized alcoholic solution of surfactant Package Size: 16 oz EPA Reg. No: 211-32-1124 Emergency Telephone No. 620-792-1711 Preparer: Tom Keyse Date: 10/16/03 Signature: SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION CAS# Hazardous Components **OSHA TWA** ACGIH TWA Percent 64-17-5 1000 ppm 1000 ppm 69.6 Ethanol 0.2 Ortho-phenylphenol 90-43-7 NE NE 75-28-5 Isobutane 1000 ppm 800 ppm *Water 7732-18-5

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS								
No Physical HazardsFlammable GasFlammable GasVater ReactiveCombustibleFlammable AerosolxPyrophoricOxidizerCompressed GasExplosiveUnstable - Reactive:Organic Peroxide								
Boiling Point, °F: Compressed Gas Solubility in Water: Complete Evaporation Rate: >1 Vapor Pressure: 48 psig Specific Gravity (water =1): 0.830 pH: N/A Vapor Density: >1 %Volatiles by Weight: 99 P N/A Appearance and Odor: Very pale yellow, clear with characteristic odor. Very pale yellow, clear with characteristic odor. Very pale yellow, clear with characteristic odor.								
SECTION IV - FIRE AND EXPLOSION HAZARD DATA								
Flash Point (Method): LIQ. 68F (TOC) Flammable Limits: LEL: Unknown UEL: Unknown Extinguishing Media: CO2, Water, ABC fire extinguisher								
Special Fire Fighting Procedures:Keep aerosols cooled with water to prevent burstingUnusual Fire and Explosion Hazards:Flammable aerosol. Temperatures in excess of 120F may cause bursting. Contents of ruptured cans contribute flammable materials in the event of fire.								
SECTION V - REACTIVITY DATA								
Stability: Unstable Conditions to Avoid: N/A Stable x Incompatibility: Do not mix with any other material. (Materials to Avoid) Incompatibility: Do not mix with any other material.								
Hazardous Decomposition With extreme heat or fire, releases usual hydrocarbon decomposition by-products. Products or Byproducts:								
Hazardous Polymerization: May Occur: Will Not Occur: x Conditions to Avoid: N/A								
Comments: *Added to comply with the Pennsylvania Worker Right to Know Act of 1984 and the New Jersey Worker & Community Right to Know Act of 1983.								

SECTION VI - HEALTH HAZARD DATA											2
Route (s) of entry:	Inhalation x		Skin:	Х	Eye:	Х			Ingestion:		
No Health Hazard	Repro	ductive toxin]				Sensitizer				
Toxic		Irritant x				(Carcinogen				
Highly Toxic		Corrosive			See	Tar	rget Organs	х			
TARGET ORGANS		_				_		_			
Lungs	Eyes x	Blood		Teratogen Mucous Membra				nes			
Heart	Skin x	Liver		Central Nervous System Autonomic I				Nervous Sys	tem		
Kidney	Prostate	Mutagen		Cardiovascular System Re			Re	spiratory Sys	tem		
Carcinogenicity:	None Known	x NTP:		IARC:	C)SH	IA Regulated				
Medical Conditions Generally Aggravated by Exposure:											
None known											

Signs and Symptoms of Exposure:

If in eyes: Burning sensation, watering, or redness. If on skin: Redness, irritation, or burning sensation with prolonged exposure. If spray mist is inhaled: Coughing, stupor, drowsiness or loss of consciousness with prolonged breathing of vapors. If swallowed: Possible gastrointestinal irritation or disturbance.

Emergency and First Aid Procedures:

If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or a doctor. Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Mop up and rinse with detergent and water.

Waste Disposal Method:

Do not puncture or incinerate. For single units, wrap in newspaper and dispose in trash container. Dispose of multiple units in accordance with Local, State and Federal Regulations.

Potential EPA Hazardous Waste Code(s): D001

Steps to be taken in handling and storage:

NFPA "Level 2 Aerosol". Do not use near heat, sparks, or open flame. Contents under pressure. Store at 40 - 90F. Read and follow label use directions. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

Respiratory Protection(Specify Type): None required

Ventilation: Local Exhaust: Optional Mechanical: Optional Special: Optional

Protective Gloves: Recommended

Eye Protection: Recommended

Other Protective Clothing and Equipment: None required

SECTION IX - SHIPPING INFORMATION

DOT Proper Shipping Name and Number: Consumer Commodity, ORM-D

NE = Not Established N/A = Not Applicable