

MATERIAL SAFETY DATA SHEET

A. J. FUNK & CO.

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*****SECTION 1: CHEMICAL PRODUCT*****

PRODUCT NAME: Sparkle Green VOC Free Formula
PRODUCT CODE: 30500
PROPER SHIPPING NAME: Consumer Commodity
CHEMICAL FAMILY: Aqueous Detergent/Complexing Agent / EGM Videt
PRODUCT USE: Glass and Multi-Surface Cleaners

*****SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS*****

INGREDIENTS	Percent	CAS #
No Hazardous Ingredients		
Filtered Water	95.0	7732-18-5
Plant Based Agents: Coconut and/or Palm based surfactants	5.0	

*****SECTION 3: HAZARDS IDENTIFICATION*****

EMERGENCY OVERVIEW: This product is a green liquid with a mild odor. It may cause irritation to the eyes and skin. If ingested, it may cause vomiting, headache, and medical problems.

POTENTIAL HEALTH EFFECTS:

Eye: Contact with liquid can cause mild to moderate irritation. **Skin:** Contact can cause mild irritation.

Ingestion: Causes nausea, vomiting, and gastrointestinal irritation.

CHRONIC EFFECTS:

Skin: Prolonged or repeated exposure can cause drying of skin.

CARCINOGENICITY: Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP, or ACGIH.

TERATOGENICITY, MUTAGENICITY, REPRODUCTIVE EFFECTS: No data available.

*****SECTION 4: FIRST AID MEASURES*****

EYE: Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

SKIN: Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.

INHALATION: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

INGESTION: Do Not Induce Vomiting. If patient is fully conscious, rinse mouth with water and drink 1 glass of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

*****SECTION 5: FIRE FIGHTING MEASURES*****

FLAMMABILITY: Not Flammable

FLASH POINT (°F, °C, PMCC): >200°F, >93.3°C

AUTOIGNITION TEMPERATURE (°F, °C): Not Available

SENSITIVITY TO STATIC DISCHARGE: Not Sensitive

SENSITIVITY TO MECHANICAL IMPACT: Not Sensitive

EXTINGUISHING MEDIA: Water fog, alcohol foam, and dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire. Use self-contained breathing apparatus and body-covering protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

*****SECTION 6: ACCIDENTAL RELEASE MEASURES*****

LEAK AND SPILL PROCEDURE: Evacuate area. Ventilate area. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in steel drums for recovery or disposal. Clean area as appropriate since some material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents, or detergents. Observe all personal protection equipment recommendations.

*******SECTION 7: HANDLING AND STORAGE*******

STORAGE REQUIREMENTS: Keep Out Of Reach OF Children. Store in a cool, dry place away from incompatible materials.

*******SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION*******

ENGINEERING CONTROLS: General ventilation usually adequate.

RESPIRATORY PROTECTION: Not normally required if good ventilation is maintained.

EYE PROTECTION: Use chemical safety glasses or full face shield.

SKIN PROTECTION: Use impervious (rubber, nitrile) gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye Bath, Safety Shower, Full Protective Clothing.

WORK HYGIENIC PRACTICES: The usual precaution for the handling of chemicals must be observed.

*******SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES*******

APPEARANCE: Clear, colorless to pale green liquid

ODOR: Mild

PHYSICAL STATE: Liquid

% VOLATILE: 0

BOILING POINT: 100°C

POUR POINT: Not Available

SPECIFIC GRAVITY (H₂O=1): 1.14 +/- 0.02 g/ml (25/25°)

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE OF ACTIVES (mmHg): <0.1

pH (as is): 11.5-12.5

*******SECTION 10: STABILITY AND REACTIVITY*******

STABILITY: Stable

CONDITIONS TO AVOID: Strong oxidizers

INCOMPATIBLE MATERIALS: Strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition may produce oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

*******SECTION 11: TOXICOLOGICAL INFORMATION*******

There is no test data on this product. Based on the information on the ingredients (see section 2) this product may cause irritation to the eyes and skin upon contact. The oral LD₅₀ (rat) is >5,000 mg/kg.

*******SECTION 12: ECOLOGICAL INFORMATION*******

ECOTOXICITY: EC₅₀ (48 hrs. daphnia) >80 mg/L

ENVIRONMENTAL FATE: All components are readily biodegradable as per OECD 301E

*******SECTION 13: DISPOSAL CONSIDERATIONS*******

Review federal, provincial or state and local government requirements prior to disposal.

*******SECTION 14: TRANSPORTATION INFORMATION*******

U.S DEPARTMENT OF TRANSPORTATION: Not Regulated

CANADIAN T.D.G.: Not Regulated

WATER TRANSPORTATION (IMDG): Not Regulated

AIR TRANSPORTATION (IATA): Not Regulated

*******SECTION 15: REGULATORY INFORMATION*******

OCCUPATIONAL HEALTH & SAFETY REGULATIONS:

WHMIS Classification: Not WHMIS controlled.

OSHA & WHMIS: Not WHMIS or OSHA controlled.

ENVIRONMENTAL REGULATORY LISTS:

SARA: Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of the ingredients are listed.

Toxic Substances Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory.

Canadian Domestic Substance List (DSL): All ingredients are listed.

*******SECTION 16: OTHER INFORMATION*******

A. J. FUNK & CO.

Telephone: 877-225-3865

Date: February 16, 2009

DATE PREPARED: February 16, 2009

SIGNATURE OF PERSON RESPONSIBLE FOR PREPARATION:

