

MATERIAL SAFETY DATA SHEET

A. J. FUNK & CO.

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| HMIS | CODE |
|-------------|------|
| Health | 1 |
| Fire | 0 |
| Reactivity | 0 |
| Pers. Prot. | None |

Emergency Phone Number (Spill or Release): (847) 741-6760

Toll-Free Number (Medical Emergency): (877) 225-3865

*******SECTION 1: IDENTITY*******

COMMON NAME: SPARKLE GLASS CLEANER **PRODUCT CODE:** 20500
(Used on label – Trade Name and Synonyms)

PROPER SHIPPING NAME: Consumer Commodity **D.O.T. HAZARD CLASS:** ORM-D

CHEMICAL FAMILY: Glycols **CHEMICAL NAME:** 2-Butoxyethanol

FORMULA: R O Water and Chemical **CAS NO.:** 111-76-2
91% - 9%

*******SECTION 2: HAZARDOUS INGREDIENTS*******

HAZARDOUS COMPONENTS: (Chemical and Common Names) **HAZARD:** **TLV (UNITS):**
2-Butoxyethanol CAS# 111-76-2 Skin, eyes 120/mg/M/8HR(OSHA)

*******SECTION 3: PHYSICAL AND CHEMICAL CHARACTERISTICS*******

(Fire and Explosion Data)

BOILING POINT: 95° C **SPECIFIC GRAVITY:** 0.994 **VAPOR PRESSURE:** Not available
(H2O=1)

PERCENT VOLATILE: 4.9% **VAPOR DENSITY:** (Air=1)>1 **EVAPORATION RATE:** (Ether=1)<1
BY VOLUME (%)

SOLUBILITY IN WATER: Complete **REACTIVITY IN WATER/AIR:** None **APPEARANCE AND ODOR:**
Clear liquid with proprietary And flowery/fruity fragrance.

FLASH POINT: None **FLAMMABLE LIMITS:** LOWER = None – Non-Flammable as described
IN AIR % BY VOLUME In 16 CFR 1500.45
UPPER = None

AUTO IGNITION TEMPERATURE: None **EXTINGUISHER MEDIA:** None **SPECIAL FIRE FIGHTING PROCEDURES:** None

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: None

*******SECTION 4: PHYSICAL HAZARDS*******

STABILITY: UNSTABLE _____ **CONDITIONS TO AVOID:**
STABLE XX__

INCOMPATIBILITY/ (Materials to Avoid): **HAZARDOUS DECOMPOSITION PRODUCTS:**
Not recommended for finished wood surfaces None Known

HAZARDOUS POLYMERIZATION: **CONDITIONS TO AVOID:**
MAY OCCUR _____
WILL NOT OCCUR XX__

COMMON NAME: SPARKLE GLASS CLEANER

*******SECTION 5: HEALTH HAZARDS*******

OSHA PERMISSIBLE EXPOSURE LIMIT: *None* **ACGIH THRESHOLD LIMIT VALUE:** *None*

OTHER EXPOSURE LIMIT USED: *None* **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** *None Known*

SIGNS AND SYMPTOMS OF EXPOSURE: **PRIMARY ROUTE(S) OF EXPOSURE:** *None*
1. ACUTE OVEREXPOSURE: *May irritate eyes*
2. CHRONIC OVEREXPOSURE: *None Known*

EMERGENCY AND FIRST AID PROCEDURE: **CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:** *None*
IF IN EYES: *Flush with water for 15 minutes.*
IF INGESTED: *Drink several glasses of water – Call a doctor.*

HYGENIC PRACTICES: *Keep out of eyes. Keep out of reach of children.*

*******SECTION 6: SPECIAL PROTECTION INFORMATION*******

RESPIRATORY PROTECTION: *None* **WORK PRACTICES:** *None*

VENTILATION: *Use in area with adequate ventilation.* **PROTECTIVE GLOVES:** *None*

EYE PROTECTION: *Safety glasses when handling large quantities.* **OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** *None*

*******SECTION 7: SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES*******

PRECAUTIONS TO BE TAKEN IN HANDLING STORAGE:

CONSUMER: *None*
MANUFACTURER: *Adequate ventilation or respiratory mask and eye protection.*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: *Wipe up with absorbent material or wash away with water.*

IN CASE OF LARGE SPILL: *Dispose of according to local ordinances.*

WASTE DISPOSAL METHODS: *End use product container should be discarded as normal, non-hazardous, solid waste.*

*******SECTION 8: ADDITIONAL INFORMATION*******

PRODUCT INFORMATION: *(847) 741-6760 (Non-Emergency)*
(8:00 a.m. – 4 p.m. Central Standard Time – Monday through Friday)

DATE PREPARED: FEB. 1, 2008 **PREVIOUS MSDS DATED:** FEB. 1, 2007

PERSON RESPONSIBLE FOR PREPARATION: A. Richard Lane, President