



Procter & Gamble
CPG TN 6
2 Procter & Gamble Plaza
Cincinnati, OH 45202

MATERIAL SAFETY DATA SHEET

Supersedes: N/A

Issue Date: 8/05

Issue Date: 3/05

| SECTION I - CHEMICAL PRODUCT | |
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| Identity: Liquid Hard Surface Cleaner | |
| Brands: SPIC and SPAN Glass & All-Purpose Cleaner Concentrate (Professional Line) | |
| Hazard Rating: 3 | Health: 1 4=EXTREME |
| | Flammability: 3 3=HIGH |
| | Reactivity: 0 2= MODERATE |
| | 1=SLIGHT |
| | 0=NONE |
| Emergency Telephone Number: CHEMTREC (24 hr operator) | 1-800-424-9300 U.S. and Canada |
| | 1-703-527-3887 for calls originating elsewhere |
| U.S. Emergency or Customer Service: | 1-800-332-7787 (P&G operator) |
| | or call Local Poison Control Center |

| SECTION II - COMPOSITION AND INGREDIENTS | | | | | |
|---|--------------------|----------------|--|--------------------------|------------------|
| Ingredients/Chemical Name: Cleaning agents (isopropanol, butoxypropanol), water, colorant and perfume | | | | | |
| Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200. | | | | | |
| <u>Chemical Name</u> | <u>Common Name</u> | <u>CAS No.</u> | <u>Recommended Limits</u> | <u>Composition Range</u> | <u>LD50/LC50</u> |
| Isopropyl alcohol | Isopropanol | 64-63-0 | ACGIH TLV: 400 ppm OSHA PEL: 400 ppm OSHA STEL: 500 ppm (15 min) | ~30 % | |
| | | | | | |

| SECTION III - HAZARDS IDENTIFICATION | |
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| Health Hazards (Acute and Chronic): | |
| Eye Contact: | May cause eye irritation. |
| Skin: | May cause skin irritation. Use on irritated or extremely dry skin may aggravate the existing condition. |
| Ingestion: | May result in mild gastrointestinal irritation with nausea, vomiting and/or diarrhea. Large ingestions may cause temporary dizziness, uncoordination and headache. |
| Inhalation: | May be irritating to mucous membranes |

| SECTION IV - FIRST AID INFORMATION | |
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| Emergency and First Aid Procedures: | |
| Eye contact: | Flush thoroughly with water for 15 minutes.. |
| Skin: | Wash with soap and water. Discontinue use. |
| Ingestion: | Dilute with fluids and treat symptomatically. If large amounts are ingested, call a physician. |
| Inhalation: | If a large amount of product is inhaled, get fresh air. |
| Other: | |

| SECTION V - FIRE FIGHTING INFORMATION | | | |
|---|--------------------------|-----------------|-----------------|
| Flash Point (Method Used): 85°F (cc) | Explosive Limits: | <i>LEL:</i> N/A | <i>UEL:</i> N/A |
| Extinguishing Media: CO ₂ , water, or dry chemical | | | |
| Special Fire Fighting Procedures: Use water to keep fire exposed container cool. | | | |
| Unusual Fire Hazards: Flammable liquid. Product will produce a brief flash and may support sustained combustion above the indicated flash point. | | | |

| SECTION VI - ACCIDENTAL RELEASE MEASURES |
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| Personal Precautions: N/A |
| Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. Small quantities may be slowly flushed down sewer with excess water or dispose as liquid scrap. Discard empty container in trash. |
| Steps To Be Taken in Case Large Amounts Material are Released or Spilled: Use water spray to dilute and/or wash away spills to avoid exposure and to protect persons working to stop/repair leak. Absorb spilled product onto absorbant material. |

| SECTION VII - HANDLING AND STORAGE |
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| Precautions To Be Taken in Handling and Storing: Handling and storage must be well ventilated, cool and dry. Store away from potential sources of ignition. Fire fighting equipment must be available at all times. |
| Other Precautions: Keep away from heat/sparks and open flame. |

| SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION |
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| Respiratory Protection (Specify Type): None required with normal use. |
| Ventilation: General |
| Eye Protection: None required with normal use. For splash protection, use chemical goggles |
| Protective Gloves: None required with normal use. |
| Other Protective Equipment: None required with normal use. Easily accessible water source desirable. |

| SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES | |
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| Boiling Point °F: 200°F | Specific Gravity (H₂O=1): 0.93 |
| Vapor Pressure (mm Hg): N/A | Percent Volatile by Volume (%): ca. 95 |
| Vapor Density (Air=1): N/A | Evaporation Rate (nBuOAc=1): N/K |
| Odor Threshold: N/A | Freezing Point: N/A |
| Coefficient of Water/Oil Distribution: N/A | pH (100% solution): 10.3 – 11.3 |
| Scooped Density: N/A | Solubility in Water: Completely |
| Appearance and Odor: Orange liquid | Reserve Alkalinity: N/A |
| Product is perfumed. | |

| SECTION X - STABILITY AND REACTIVITY | |
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| Possible Hazardous Reactions/Conditions/By Products: None known | |
| Conditions to Avoid: None | |
| Materials to Avoid: None | |
| Hazardous Decomposition Products: None known | |
| Other Recommendations: None | |
| Stability: | Stable |
| Hazardous Polymerization: | Will not occur. |

| SECTION XI - TOXICOLOGICAL INFORMATION | |
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| LD50 (rats oral): >20 g/kg | |

| SECTION XII - ECOLOGICAL INFORMATION | |
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| No concerns. | |

| SECTION XIII - DISPOSAL CONSIDERATIONS | |
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| Waste Disposal Method: Small quantities may be disposed of via sewer. DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. Discard empty container in trash. | |

