

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Glisten HMIS CODES: H F R P  
 PRODUCT CLASS: Glass Cleaner  
 PRODUCT CODE: S85-0034-1 (gallon), S85-0036-5 (5 gal cube)

SECTION 1- MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Strathmore Products Inc.  
 ADDRESS: 1970 West Fayette Street, Syracuse, NY 13201  
 EMERGENCY PHONE - DAY: 315-488-5401  
 NIGHT: FOR HEALTH-POISON CONTROL CENTER 315-476-4766  
 FOR SPILLS-CHEM-TEL: 1-800-255-3924 REVISION DATE: 1/24/03

Section II-Hazardous Ingredients/SARA III INFORMATION

	CAS #	VAPOR PRESSURE	mm Hg @ TEMP	PERCENT
Water (Non-Hazardous)	7732-18-5	1.0		68
OSHA & ACGIH: Not Applicable				
*Butyl Cellosolve	111-76-2	0.6	68	5-10
	ACGIH TLV: 25 ppm	OSHA PEL: 25 ppm		

SARA 313 INFORMATION: \* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE OF SEC. II: 212-340 deg F WEIGHT PER GALLON: 8.27 lb/gal  
 VAPOR DENSITY: Lighter than air % SOLIDS BY VOLUME: 0.00  
 EVAPORATION RATE: Slower Than Ether V.O.C.: 7.50 lb/gal

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY: Not Regulated  
 FLASH POINT: >200 deg F METHOD USED: SETA Flash  
 EXTINGUISHING MEDIA: Not Applicable  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may rupture or explode, due to buildup of steam pressure, when exposed to extreme heat.  
 SPECIAL FIRE FIGHTING PROCEDURES: None

SECTION V-HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II  
 INHALATION HEALTH RISKS AND SYMPTOMS OF ACUTE EXPOSURE: In confined or poorly ventilated areas, vapors may be irritating to eyes and skin, and may cause headache, nausea and dizziness.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Eye contact with liquid may be severely irritating and may cause corneal damage if the eye is not flushed out immediately with water.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Brief contact with skin may cause slight to moderate irritation and possibly drying of the skin.  
 Repeated or prolonged skin contact may cause drying and defatting of the skin, which may lead to dermatitis.

SKIN ABSORPTION: Frequent or prolonged skin contact with liquid may result in absorption of harmful amounts.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May be harmful if swallowed.  
 Swallowing may cause gastrointestinal irritation, nausea, diarrhea, vomiting and possibly narcosis.

THIS PRODUCT CONTAINS BUTYL CELLOSOLVE (2-BUTOXYETHANOL) WHICH, WHEN UNDILUTED MAY RESULT IN RED BLOOD CELL HEMOLYSIS WHEN INGESTED IN SIGNIFICANT QUANTITIES, OR WHEN ABSORBED THROUGH THE SKIN. BUTYL CELLOSOLVE, BY APPLICATION TO THE SKIN OF RABBITS IN AQUEOUS CONCENTRATIONS AS HIGH AS 42%, SHOWED NO ADVERSE EFFECTS IN ANY OF THE ORGANS OR TISSUES OF THE ANIMALS. IN HUMAN BEINGS, EVEN AT EXPOSURE LEVELS OF 200 PPM, ADVERSE BLOOD EFFECTS DID NOT OCCUR. THUS, EXPOSURE TO BUTYL CELLOSOLVE AT REASONABLE LEVELS IS NOT

CONSIDERED LIKELY TO PRODUCE ADVERSE BLOOD EFFECTS OF ANY SIGNIFICANCE WHATSOEVER.

CHRONIC HEALTH HAZARDS: Repeated or prolonged occupational overexposure to vapors may be irritating to the respiratory system and affect the central nervous system.

NOTE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CARCINOGENICITY: This product does not contain 0.1% or more of any substance which is listed as a carcinogen by NTP, IARC or OSHA.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.

SPLASH (EYES): Flush immediately with copious quantities of water.

Take to a physician for definitive medical treatment.

SPLASH (SKIN): Remove with soap and water. Remove contaminated clothing.

IF SWALLOWED AND PERSON IS CONSCIOUS, IMMEDIATELY GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

CAUTION: Never give anything by mouth to an unconscious or convulsive person or induce vomiting.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Breathing of vapors may aggravate respiratory diseases, and liquid contact with skin may aggravate existing dermatitis.

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## SECTION VI-REACTIVITY DATA

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STABILITY: Stable

CONDITIONS TO AVOID: Keep from freezing.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid materials that react with water.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None.

HAZARDOUS POLYMERIZATION: Will not occur.

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## SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For small spills, ventilate area and allow material to evaporate or clean up with a cloth or mop.

If necessary, flush area with water. For larger spills, ventilate area and add inert absorbent and return to empty container.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations.

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## SECTION VIII-CONTROL MEASURES

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RESPIRATORY PROTECTION: Not normally required when used for intended use with adequate ventilation.

VENTILATION: General ventilation.

PROTECTIVE GLOVES: Solvent resistant gloves are required for prolonged or repeated contact with liquid.

EYE PROTECTION: If a splashing hazard exists or if there is potential eye contact, wear safety eyewear such as chemical goggles or face shields to prevent contact of liquid with eyes.

Eye flushing equipment should be immediately available.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear appropriate protective outerwear to protect against clothing contamination and prolonged skin contact.

When necessary, wear solvent resistant boots to protect feet and shoes from contamination.

Remove and wash contaminated clothing before reuse. Wash hands before eating or using washroom.

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## SECTION IX-SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store below 100 deg F.

Protect from freezing. Do not store or use near heat, sparks, or open flame.

Keep containers tightly closed and upright to prevent leakage. Store large quantities in buildings designed and protected for storage of combustible liquids.

OTHER PRECAUTIONS: CAUTION-Keep away from excessive heat or open flame.

Overexposure to vapors or mists may be harmful and may cause irritation to eyes, nose and throat.

Prolonged contact of liquid with skin may cause irritation and drying of skin.

Use only with adequate ventilation. Avoid breathing of vapors or spray mists.

Avoid contact with eyes and skin. Do not take internally.

NOTICE: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

SPECIAL PRECAUTIONS: \*n/a

MISCELLANEOUS PRECAUTIONS: Empty containers may retain product residue and/or vapors.

Always obey hazardous warnings and handle empty containers as if they were full.

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SECTION X-DISCLAIMER

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SARA 313 INFORMATION: \*n/a

USER'S RESPONSIBILITY: THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER. THE USER SHOULD CONSIDER THE HEALTH HAZARDS AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND DEVELOP WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, STRATHMORE PRODUCTS, INC., ASSUMES NO LIABILITY WHATSOEVER FOR THE ACCURACY, RELIABILITY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. ALL MATERIALS MAY PRESENT UNKNOWN HEALTH AND SAFETY HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS WHICH EXIST.