

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: TSR TANNIN STAIN REMOVER
PRODUCT CODE: Z26 (formerly 0573)
PRODUCT CLASS: ACID CLEANER

RATINGS:
4-EXTREME
3 SERIOUS
2-SIGNIFICANT
1-SLIGHT
0-MINIMUM

HMIS HAZARD RATING:	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION:	C

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: CELLO PROFESSIONAL PRODUCTS
ADDRESS: 1354 Old Post Road, Havre de Grace, MD 21078
EMERGENCY PHONE - INFOTRAC 24 HOURS: 800-535-5053
INFORMATION PHONE: 800-638-4850

REVISED: 7/1/06

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
AMMONIUM HYDROGEN FLUORIDE TLV(TWA) 2.5 ppm AS DUST	1341-49-7	N/A	N/A	3.00
* ETHYLENE GLYCOL MONOBUTYL ETHER PEL 25ppm;120mg/m3 TWA (8 Hr.) SKIN TLV 25ppm;121mg/m3 TWA (8 Hr.) SKIN	111-76-2	.6	20°C	2.00

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
Indicates hazardous chemical(s) subject to the reporting requirements of section 312 of Title III and of 40 CFR 370.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 212°F
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than water
APPEARANCE : Colorless liquid
pH : 5.25 ± 0.25

SPECIFIC GRAVITY (H₂O=1): 1.01
VAPOR PRESSURE : NE
SOLUBILITY IN WATER: Completely
ODOR : Cherry
VOLATILE : 95.50%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NONE
FLASH METHOD: SETA FLASH
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: If involved in a fire use foam, CO2 or water fog
SPECIAL FIREFIGHTING PROCEDURES: Spray water on cartons involved in fire to keep them from igniting. Wear self-contained breathing apparatus due to the possible toxic fumes from plastic containers and or the vaporization of potentially harmful chemicals. (See Section II)
UNUSUAL FIRE AND EXPLOSION HAZARDS: Area will become slippery if material is released.

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Avoid product contact with soft metals such as aluminum, tin and zinc.
INCOMPATIBILITY (MATERIALS TO AVOID): Alkaline materials, oxidizing agents, contact with metals
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon dioxide, carbon monoxide
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: High concentrations are irritating to the eyes and respiratory tract. May cause headache, dizziness, nausea and vomiting.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Corrosive to skin if left unattended, could cause blindness if gotten in eyes in excess without treatment
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Absorption through skin may cause headache, nausea, dizziness, and vomiting
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Harmful if swallowed, may cause vomiting, diarrhea, weakness
HEALTH HAZARDS (ACUTE AND CHRONIC): Contact with eyes can cause chronic corneal damage and absorption through skin may be corrosive
CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No NOT LISTED
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing pulmonary, liver and/or kidney disorders may be aggravated by overexposure to this material
EMERGENCY AND FIRST AID PROCEDURES:
IF IN EYES: Immediately flush with plenty of warm water for 15 minutes while keeping eyelids apart for maximum irrigation. If irritation persists contact physician.
IF ON SKIN: Wash off with large amounts of soap and water. If irritation persists contact a physician. Wash contaminated clothing before re-use.
IF INHALED: If victim complains of headache, dizziness or nausea, remove victim to fresh air. If breathing becomes difficult or condition persists, contact a physician.
IF INGESTED: Never give anything by mouth to an unconscious person. Call a physician immediately. Do not induce vomiting. Give two glasses of lime water, milk of magnesia or milk if available. Gastric lavage may be required.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike area to contain material. Area may become slippery. Neutralize with lime or soda ash. Absorb product onto porous material such as sand, diatomaceous earth or commercial absorbent material. Shovel up into leak proof containers.
WASTE DISPOSAL METHOD: Consult local, state and or federal authorities for proper disposal
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store near oxidizers, alkalies and base metals. Keep from excessive heat and keep from freezing. Do not store near consumables. Keep out of reach of children.
OTHER PRECAUTIONS: Read and follow all directions. Use in a manner consistent with product intent.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH approved vapor respirator in the absence of proper environmental control.
VENTILATION: Good ventilation is required. In the absence of good ventilation mechanical devices are recommended.
PROTECTIVE GLOVES: Chemical resistant gloves recommended
EYE PROTECTION: Safety splash goggles recommended
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Solvent resistant clothing and boots are recommended
WORK/HYGIENIC PRACTICES: Wash hands after use and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.

SECTION IX - REGULATORY INFORMATION

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE US TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY.

This product is a DOT hazardous material. BILL of LADING (quarts and gallons): "Consumer commodity, ORM-D (compound cleaning)"

The ingredients from Section II are subject to the following reporting requirements:

MA - The Massachusetts Hazardous Substance List

NJ - The New Jersey Right-to-Know Hazardous Substance List

PA - The Pennsylvania Hazardous Substance List

SECTION X - DISCLAIMER

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended or implied as to the applicability of this information to the users intended purpose or for the consequences of its use or misuse.