



EFFECTIVE DATE: 02/25/97

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

IDENTITY AND SUPPLIERS INFORMATION

PRODUCT NAME:	EXTRACTO	CHEMICAL FAMILY:		<table><tr><th>NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM</th><th>RATING</th></tr><tr><td>HEALTH</td><td>1</td></tr><tr><td>FLAMMABILITY</td><td>0</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>MAX PERSONAL PROTECTION</td><td>-</td></tr></table>		NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	MAX PERSONAL PROTECTION	-
NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING														
HEALTH	1														
FLAMMABILITY	0														
REACTIVITY	0														
MAX PERSONAL PROTECTION	-														
GMP PRODUCT NUMBER:	C823	FORMULA:	PROPRIETARY												
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200												
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE	EMERGENCY NO.:	800-255-3924												
	EXPORT, PA 15632														
PROPER SHIPPING NAME:															

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
SODIUM METASILICATE	d	683-49-20		No	N/E	N/E	
BUTYL CELLOSOLVE	d	111-76-2		Yes	50	25	

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: >220°F
VAPOR PRESSURE: PSIG @ 70°F (Aerosols): N/A
VAPOR DENSITY (Air = 1): N/D
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY (H₂O = 1): 1.03-1.09
pH RANGE: N/A
EVAPORATION RATE: (Water = 1): 1.0
PHYSICAL DESCRIPTION: Water based clear, dark blue, non-viscous liquid with butyl cellsolve fragrance.

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: (FLAME PROJECTION) N/A
AUTO IGNITION TEMP: N/D
FLASH POINT: Non-combustible
FLAMMABILITY LIMITS: %UEL – N/D %LEL – N/D
EXTINGUISHER MEDIA: Non-combustible. Use media compatible with surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Non-combustible. Use techniques applicable to surrounding fire.
UNUSUAL FIRE/EXP. HAZARDS: Can react with aluminum to liberate hydrogen gas.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Avoid contact with aluminum surfaces.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and sulfur, unidentified organic compounds.

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY: Ingestion, Eye

ACUTE EFFECTS:

SKIN: Irritating. Contact may cause dermatiti.

EYES: Severely irritating. Prolong contact may cause tissue damage or destruction.

INHALATION: Inhalation of spray or mist may cause irritation of mucous membranes. Prolonged exposures may be corrosive.

INGESTION: Irritating.

FIRST AID PROCEDURES:

SKIN: Wash with soap and water. If irritation persists, get medical attention.

EYES: Wash with soap and water. If irritation persists, get medical attention.

INHALATION: Remove to fresh air. If irritation persists or other respiratory symptoms develop get medical attention.

INGESTION: DO NOT INDUCE VOMITING. Drink 3-4 glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: None required.
PROTECTIVE GLOVES: Rubber, if desired.
EYE PROTECTION: Goggles or face shield.
VENTILATION REQUIREMENTS: None required.
OTHER PROTECTIVE CLOTHING: Rubber boots & apron, if desired, eyewash stations and safety showers.
HYGIENIC WORK PRACTICES: Do not eat, drink or smoke in work area. Wash hands after handling.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Do not drain into sewers or surface waters. Soak up in absorbent material & seal in properly labeled non-leaking containers for proper authorized hazardous waste disposal.

WASTE DISPOSAL METHODS: Dispose of in accordance with all local, state and federal regulations.

PRECAUTIONS IN HANDLING AND STORAGE: Store in original shipping containers. Keep closed when not in use. Shelf life one year. Protect from freezing.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without any warranty or guarantee of any kind.