

ULTRA BATH FLUID

Ultra Bath Fluid is specially formulated for use in all constant temperature baths where temperatures exceed 60° C. It is crystal clear, odorless, non-toxic, and non-corrosive. It contains special additives to prevent darkening at elevated temperatures. Not recommended for use above 200° C.

Typical Properties

Color, Saybolt	+30
Specific Gravity @ 25° C	0.867
Viscosity @ 210° F	9.6 cSt
Viscosity Index	99
Smoke Point	150° C
Flash Point	250° C
Autoignition Temperature	365° C
Evaporation loss, weight % (23 hrs. @ 210° F)	0.03%
Thermal Conductivity @ 200° F BTU/(hr.) (sq ft.) (°F/in.)	0.88

Technical Glass Products Inc.
243 E. Blackwell Street, Dover, NJ 07801
(201) 989-5500 • FAX (201) 989-0121

Material Safety Data Sheet

Ultra Bath Fluid

QUICK IDENTIFIER
Common Name: (Used on label and list)

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION 1 -

Manufacturer's Name: **Technical Glass Products, Inc.**
Address: **243 E. Blackwell St.**
City, State, ZIP: **Dover, NJ 07801**
Emergency Telephone No.: **(973) 989-5500**
Other Information Calls: **(973) 989-5500**
Signature of Person Responsible for Preparation (Optional): *J. Murray*
Date Prepared: **May 6, 1998**

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	% (optional)	OSHA PEL	ACGIH TLV	Other Exposure Limits	CAS NO.
Mineral Oil					8012-95-1

This material is not considered hazardous to OSHA (1910.1200) or states Right-to-Know lists.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	660 F	Specific Gravity (H ₂ O = 1)	0.86	Vapor Pressure (mm Hg)	neg.
	Vapor Density (Air = 1)	N/A			
Solubility in Water	neg.	Reactivity in Water	nil		
Appearance and Odor	Clear oily liquid, odorless	Melting Point	N/A		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	475 F. C.	Method Used	COC	Flammable Limits in Air % by Volume	LEL Lower	UEL Upper	Not determined
Auto-ignition Temperature	660 F	Extinguisher Media	Dry chemical or CO₂				
Special Fire Fighting Procedures	Wear self-contained breathing apparatus in confined areas.						
Unusual Fire and Explosion Hazards	none						

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions
Stable to Avoid

Incompatibility
(Materials to Avoid) **Strong oxidizers**

Hazardous
Decomposition Products **carbon monoxide**

Hazardous Polymerization May Occur Conditions
Will Not Occur to Avoid **Do not store near excessive heat or flames.**

SECTION 6 - HEALTH HAZARDS

1. Acute (Immediate) **not determined** 2. Chronic (Delayed Effect)

Signs and
Symptoms of Exposure

Medical Conditions Generally
Aggravated by Exposure

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes No I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and
First Aid Procedures

ROUTES OF ENTRY

1. Inhalation	Remove to fresh air. Seek medical attention.
2. Eyes	Flush with plenty of water
3. Skin	Wash with soap and water
4. Ingestion	Do not induce vomiting. Seek medical attention.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken
in Handling and Storage **Keep container closed when not in use.**

Other
Precautions

Steps to be Taken in Case
Material is Released or Spilled **Recover free liquid; add absorbant material to area.**

Waste Disposal
Methods (Consult federal, state, and local regulations) **Incinerate or consult local regulations.**

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection
(Specify Type) **Normally not needed; NIOSH approved if used.**

Ventilation **N/A** Local Exhaust Mechanical (General) Special Other

Protective Gloves **Normally not needed** Eye Protection **Goggles recommended**

Other Protective
Clothing or Equipment

Work/Hygiene Practices **Wash hands after handling.**

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

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