

# Technical Glass Products, INC.

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## *Ultra* Bath Fluid

Ultra Bath Fluid is specially formulated for use in all constant temperature baths where temperatures exceed 50°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.

Specific Gravity @ 25°C	0.867
Viscosity @ 40°C	75 cSt
Viscosity @ 100°C	9.5 cSt
Smoke Point	150°C
Flash Point (COC)	250°C
Specific Heat @ 25°C	0.485



Ultra Bath Fluid

# Material Safety Data Sheet

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 I: MSDS Dept. Chemtrec/ACC

For Chemical Emergency, Spill, Leak, Fire, Exposure, or accident  
call Chemtrec day or night

Emergency Telephone No. N. America: 800-424-9300  
International: 703-527-3887

Other Information Calls Collect calls Accepted

Date Prepared May 6, 1998

Signature of Person Responsible for Preparation (Optional)

## 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 <sub>2</sub> 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 CO <sub>2</sub>				
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 AvoidIncompatibility  
(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 ExposureMedical Conditions Generally  
Aggravated by ExposureChemical Listed as Carcinogen  
or Potential CarcinogenNational 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  
PrecautionsSteps 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 OtherProtective  
Gloves **Normally not needed** Eye Protection **Goggles recommended**Other Protective  
Clothing or EquipmentWork/Hygienic 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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