



# J. T. Baker Chemical Co.

222 Red School Lane Phillipsburg, N.J. 08865  
24-Hour Emergency Telephone -- (201) 859-2151

Chemtrec # (800) 424-9300  
National Response Center # (800) 424-8802

## MATERIAL SAFETY DATA SHEET

B0224 -01  
Effective: 01/15/86

Baker PRS-1000, Positive Resist Stripper

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Issued: 01/16/86

### SECTION I - PRODUCT IDENTIFICATION

Product Name: Baker PRS-1000, Positive Resist Stripper  
Formula:  
Formula Wt: .00  
CAS No.: 00000-00-0  
Product Codes: 6383

### PRECAUTIONARY LABELLING

BAKER SAF-T-DATA<sup>TM</sup> System



### Laboratory Protective Equipment



### Precautionary Label Statements

DANGER!  
COMBUSTIBLE - CAUSES IRRITATION  
CAUSES EYE IRRITATION  
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN  
EXCEPTIONAL HEALTH AND CONTACT HAZARDS - READ MATERIAL SAFETY DATA SHEET  
Keep away from heat, sparks, flame. Do not get in eyes, on skin, on clothing.  
Avoid breathing vapor. Keep in tightly closed container. Loosen closure cautiously. Use with adequate ventilation. Wash thoroughly after handling. In case of spill, flush spill area with water.

### SECTION II - HAZARDOUS COMPONENTS

Component	%	CAS No.
1-Methyl-2-Pyrrolidinone	>1	872-50-4
Tetrahydrothiophene-1,1-dioxide	>1	126-33-0
2-(2-Ethoxyethoxy)ethanol	>1	111-90-0
Polyethylene Glycol	>1	25322-68-3

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### SECTION III - PHYSICAL DATA

Boiling Point: 195°C ( 383°F) Vapor Pressure(mmHg): <1  
Melting Point: -35°C ( -31°F) Vapor Density(air=1): 4.5  
Specific Gravity: 1.07 Evaporation Rate: <0.02  
(H<sub>2</sub>O=1) (Butyl Acetate=1)  
Solubility(H<sub>2</sub>O): Complete (in all proportions) % Volatiles by Volume: 100

Appearance & Odor: Pale yellow, clear liquid with slight amine odor.

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 96°C ( 205°F)

#### Fire Extinguishing Media

Use water spray, carbon dioxide, dry chemical or ordinary foam.

#### Special Fire-Fighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

#### Toxic Gases Produced

sulfur dioxide

### SECTION V - HEALTH HAZARD DATA

#### Effects of Overexposure

Liquid may be irritating to skin, eyes, and mucous membranes.  
Skin absorption may be harmful.  
Ingestion may cause nausea, vomiting, headaches, dizziness, gastrointestinal irritation.  
Chronic effects of overexposure may include kidney and/or liver damage.

#### Emergency and First Aid Procedures

CALL A PHYSICIAN.

If swallowed, if conscious, give large amount of milk, milk of magnesia, or whites of eggs beaten with water. Induce vomiting.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Wash clothing before re-use.

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### SECTION VI - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: moisture, heat, flame, other sources of ignition

Incompatibles: strong oxidizing agents, strong reducing agents,  
strong acids

Decomposition Products: oxides of sulfur

### SECTION VII - SPILL AND DISPOSAL PROCEDURES

#### Steps to be taken in the event of a spill or discharge

Wear self-contained breathing apparatus and full protective clothing.  
Stop leak if you can do so without risk. Use water spray to reduce vapors.  
Take up with sand or other non-combustible absorbent material and place  
into container for later disposal. Flush spill area with water.

#### Disposal Procedure

Dispose in accordance with all applicable federal, state, and local  
environmental regulations.

### SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

Ventilation: Use local exhaust ventilation.

Respiratory Protection: A chemical cartridge respirator with organic vapor  
cartridge is recommended. If airborne  
concentration exceeds capacity of cartridge  
respirator, a self-contained breathing apparatus  
is advised.

Eye/Skin Protection: Safety goggles, uniform, apron, butyl rubber  
gloves are recommended.

### SECTION IX - STORAGE AND HANDLING PRECAUTIONS

SAF-T-DATA<sup>TM</sup> Storage Color Code: Blue

#### Special Precautions

Keep container tightly closed. Store in cool, dry, well-ventilated area  
away from heat, sparks, or flame.

### SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

#### DOMESTIC (D.O.T.)

Proper Shipping Name Chemicals, n.o.s.

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### SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION (Continued)

#### INTERNATIONAL (I.M.O.)

Proper Shipping Name Chemicals, n.o.s.

N/A = Not Applicable or Not Available

The information published in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets periodically as new information becomes available.

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