

APR 21 1990

## Material Safety Data Sheet

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

## U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List)

ORBIT BATH

Note: Blank spaces are not permitted. If any item is not applicable, or no  
information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name

TKO CHEMICAL

Emergency Telephone Number

(816) 233-1237

Address (Number, Street, City, State, and ZIP Code)

401 Angelique

Telephone Number for Information

(816) 233-1237

Date Prepared

January 6, 1990

St. Joseph, Mo.

Signature of Preparer (optional)

64501

ROBERT GRIMES

## Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
PROPYLENE GLYCOL				.009%
SODIUM BENZOATE				.7%

THE REMAINDER OF THIS FORMULA IS PROPRIETARY.

This product is not classified as a "Hazardous Material" in normal use  
as defined in U.S. Department of Labor Regulations 29 CFR 1915.2, 1916.2  
and 1917.2. This product does not contain known hazardous substances according  
to Federal and State Hazardous Communication Standards.

## Section III — Physical/Chemical Characteristics

Boiling Point	212 F	Specific Gravity (H <sub>2</sub> O = 1)	1.02
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

Complete

Appearance and Odor

Clear and Odorless

## Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None	N/A	N/A	N/A

Extinguishing Media

N/A

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid None Known
	Stable	XX	

Incompatibility (Materials to Avoid)  
None Known

Hazardous Decomposition or Byproducts  
No

Hazardous Polymerization	May Occur		Conditions to Avoid None Konwn
	Will Not Occur	XX	

**Section VI — Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	N/A	N/A	N/A

Health Hazards (Acute and Chronic)  
  
The product is a slight eye irritant.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Signs and Symptoms of Exposure  
None Known

Medical Conditions Generally Aggravated by Exposure  
None Known

Emergency and First Aid Procedures  
In case contact with eye, flush with water for 15 minutes.  
If irritation perisits, call a physican.

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled  
Flush to drain.

Waste Disposal Method  
Dispose of in accordance with local ordinances.

Precautions to Be Taken in Handling and Storing  
No specific cautions nessary.

Other Precautions  
N/A

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)			
Ventilation	Local Exhaust	Special	
	Mechanical (General)	Other	
	N/A	N/A	N/A

Protective Gloves: Rubber gloves      Eye Protection: Chemical goggles

Other Protective Clothing or Equipment  
None

Work/Hygienic Practices  
Always use good Hygiene Practices