

FINISH THOMPSON INC. -- PBEC001 BE PUMP PRIMER ETHYLENE GLYCOL - ALL GRADES --  
6850-01-387-2319

===== Product Identification =====

Product ID:PBEC001 BE PUMP PRIMER ETHYLENE GLYCOL - ALL GRADES

MSDS Date:12/01/1988

FSC:6850

NIIN:01-387-2319

MSDS Number: BWFHQ

=== Responsible Party ===

Company Name:FINISH THOMPSON INC.

Address:921 GREENGRADEN ROAD

City:ERLE

State:PA

ZIP:16501-1591

Country:US

Info

Phone Num:814-455-4478 FAX: 814-455-8518

Emergency Phone Num:800-424-9300 CHEMTREC

Preparer's Name:GREG KRENEK

CAGE:30255

=== Contractor Identification ===

Company Name:FINISH THOMPSON INC

Address:921 GREENGARDEN RD

Box:City:ERIE

State:PA

ZIP:16501-1591

Country:US

Phone:814-455-4478/800-942-5969

CAGE:30255

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENE GLYCOL (SARA III)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 95-100%

Other REC Limits:NONE REC

OMMENDED  
ACGIH TLV:C 50 PPM,VAPOR; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:DIETHYLENE GLYCOL  
CAS:111-46-6  
RTECS #:ID5950000  
Fraction by Wt: 0-5%  
Other REC Limits:NONE RECOMMENDED

=====  
===== Hazards Identification =====

LD50 LC50 Mixture:LD MAN (EST.) 1.4 ML/KG  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:INHALATION OF MISTS MAY CAUSE  
MUCOUS MEMBRAN  
E IRRITATION.CONTACT MAY CAUSE EYE  
IRRITATION.INGESTION MAY CAUSE CNS DEPRESSION & KIDNEY  
INJURY.CHRONIC:PROLONGED OR REPEATED EXPOSURE MAY CAUSE INJU RY TO  
LIVER,KIDNEY,LUNGS,BLOOD & CNS;MAY CAUSE BRAIN INJURY.SKIN  
ABSORPTION MAY CAUSE CNS EFFECTS & KIDNEY INJURY.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALED: COUGHING, SNEEZING, WHEEZING,  
SHORTNESS OF  
BREATH. SKIN: EYES: REDNESS, DISCOMFORT OR STINGING,  
SWELLING, TEARING. INGESTED/SKIN ABSORPTION: DRUNKENESS, NAUSEA,  
VOMITING, VISUAL DISTURBANCES, RAPID BREATHING, INCREASED HEART  
RATE,DECREASED URINE VOLUME.  
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN, RESPIRATORY  
DISORDERS OR IMPAIRED KIDNEY FUNCTION MAY BE AGGRAVATED BY EXPOSURE  
TO THIS MATERIAL.

=====  
===== First Aid Measures =====

First Aid:EYES-FLUSH WITH WATER FOR 15 MINUT  
ES. GET MEDICAL ATTENTION.  
SKIN-FLUSH WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.  
INHALATION-REMOVE VICTIM TO FRESH AIR. RESTORE BREATHING IF  
REQUIRED. G ET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, GIVE 1-2  
GLASSES WATER TO DRINK & INDUCE VOMITING. GET IMMEDIATE MEDICAL  
ATTENTION.

=====  
===== Fire Fighting Measures =====

Flash Point Method:TCC  
Flash Point:241F,116C  
Autoignition Temp:Autoignition Temp Text:748F  
Extinguishing Media:

WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL  
FOAM.

Fire Fighting Procedures: STOP LEAK IF NO RISK. KEEP PERSONNEL AWAY.  
FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING  
POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: ETHYLENE GLYCOL MIST IN AIR IS A MODERATE  
FIRE & EXPLOSION HAZARD.

===== Accidental Release Measures =====

Spill Release Procedures: USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT  
MEASURES DURING CLEAN-UP. DIKE AREA TO CONTAIN SPILL. PREVENT  
LIQUID FROM ENTERING SEWERS, DRAINS, WATERWAYS, LOW AREAS. RECOVER  
WITH ABSORBENT MATERIAL AND PLACE IN CONTAINERS FOR DISPOSAL.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED  
PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT STORE IN OPEN  
UNLABELED OR MISLABELED CONTAINERS.

Other Pre

cautions: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES. DO NOT MIX  
WITH STRONG OXIDIZING AGENTS, STRONG ACIDS, BASES. AVOID OPEN  
HEATING OR AGITATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT  
CONSUME FOOD, DRINK OR TOBACCO PRODUCTS IN AREA IF USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE  
OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED  
AIR RESPIRATOR OR SCBA  
, AS REQUIRED. USE IAW 29 CFR 1910.134 AND  
MANUFACTURER'S RECOMMENDATIONS.

Ventilation: LOCAL EXHAUST VENTILATION IS RECOMMENDED TO CONTROL  
EMISSIONS AT THE SOURCE BELOW THE TLV.

Protective Gloves: RUBBER, NEOPRENE, NITRILE, BUTYL.

Eye Protection: CHEMICAL SPLASH GOGGLES OR FACESHIELD

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER SHOULD BE  
AVAILABLE IN VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING

ING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS IS FOR ETHYLENE GLYCOL FOUND IN THE RECYCLING EQUIPMENT.

===== Physical/Chemical Properties =====

HCC:V5

Boiling Pt:>190.C, 374.F

Melt/Freeze Pt:=-13.C, 8.6F

Vapor Pres: