

FISHER SCIENTIFIC CO -- PERMOUNT SOLUTION, SOP15, S70104 -- 6640-01-265-1316

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

Product ID:PERMOUNT SOLUTION, SOP15, S70104

MSDS Date:08/31/1991

FSC:6640

NIIN:01-265-1316

MSDS Number: BLJPS

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO

Address:585 ALPHA DR

City:PITTSBURGH

State:PA

ZIP:15238-2911

Country:US

Info Phone Num:201-796-7100

Emergency Phone N

um:201-796-7100

CAGE:22527

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

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

Ingred Name:2,6-DI-TERT-BUTYL-P-CRESOL

CAS:128-37-0

RTECS #:GO7875000

Fraction by Wt: 1.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3

ACGIH TLV:10 MG/M3; 9192

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fra

ction by Wt: 41.6%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:BICYCLO(3.1.1)HEPT-2-ENE, 2,6,6-TRIMETHYL-  
CAS:80-56-8  
RTECS #:DT7000000  
Fraction by Wt: 57.4%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUT  
E: INHALATION-IRRITANT, NARCOTIC,  
NEUROTOXIN. INGESTION-POISON, CIRCULATORY COLLAPSE. SKIN-MAY CAUSE  
IRRITATION. EYES-IRRITATION AND CORNEAL BURNS. CHRONIC: PROLONGED  
OR REPEATED EXPOSURE MAY CAUSE MUCOUS MEMBRANE IRRITATION. MAY  
CAUSE KIDNEY AND BLADDER DAMAGE, CHRONIC NEPHRITIS WITH ALBUMINURIA.  
Effects of Overexposure:COUGHING AND CHEST DISCOMFORT. FATIGUE,  
WEAKNESS, CONFUSION, HEADACHE, NAUSEA, IMPAIRED COORDINATION AND  
REACTION TIME, PARESTHESIAS OF THE SKIN, DIZZINESS,  
TINNITUS,  
IMPAIRED SPEECH, ANURIA, PULMONARY EDEMA AND BRONCHIAL PNEUMONIA.  
Medical Conditions Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES-WASH IMMEDIATELY WITH LARGE AMOUNTS OF WATER OR NORMAL  
SALINE, OCCASIONALLY LIFTING UPPER AND LOWER LIDS. GET MEDICAL  
ATTENTION IMMEDIATELY. SKIN-REMOVE CONTAMINATED CLOTHING AND SHOES  
IMMEDIATELY. WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT AND  
LARGE AMOUNTS OF WATER UNTIL NO EVIDENCE OF CHEMICAL REMAINS.  
INHALATION-REMOVE FROM AREA. ASSIST WITH BREATHING IF NEEDED.

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

Flash Point:45.0F,7.2C  
Lower Limits:1.4  
Upper Limits:6.7  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL  
FIRE EXPOSED C

CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ABSORB WITH VERMICULITE OR OTHER SUITABLE MATERIAL. PLACE IN A SUITABLE CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL AREA.

Other

Precautions:NONE

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

Respiratory Protection:THE SPECIFIC RESPIRATOR SELECTED MUST BE BASED ON CONTAMINATION LEVELS FOUND IN THE WORK PLACE.

Ventilation:PROVIDE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION TO MEET PUBLISHED EXPOSURE LIMITS.

Protective Gloves:IMPERVIOUS GLOVE MAY BE USED.

Eye Protection:CHEMICAL SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:EYEWASH STATION, PROTECTIVE CLOTHING.

Work Hygienic Prac

tices:WASH HANDS THOROUGHLY AFTER HANDLING THIS PRODUCT.

Supplemental Safety and Health

NONE

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

HCC:F2

Solubility in Water:INSOLUBLE

Appearance and Odor:YELLOW LIQUID

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS. MAY ALSO REACT WITH MANY OTHER CHEMICALS.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNI

TION

Hazardous Decomposition Products:TOXIC OXIDES OF CARBON.

===== Disposal Considerations =====

Waste Disposal Methods:FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS  
WHEN DISPOSING OF THIS MATERIAL.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information  
to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.