

PRODUCTS RESEARCH & CHEMICAL CORPORATION -- TITANATE SOLUTION, ID:PR-148 --
8030-00-560-8756

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

Product ID:TITANATE SOLUTION, ID:PR-148

MSDS Date:02/01/1988

FSC:8030

NIIN:00-560-8756

MSDS Number: BHFYZ

=== Responsible Party ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO ROAD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

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Info Phone Num:818-240-2060

Emergency Phone Num:818-240-2060

Preparer's Name:A.S.

CAGE:8K647

=== Contractor Identification ===

Company Name:PRODUCTS RESEARCH & CHEMICAL CORPORATION

Address:5430 SAN FERNANDO RD

Box:1800

City:GLENDALE

State:CA

ZIP:91209

Country:US

Phone:800-228-5635

CAGE:8K647

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

Ingred Name:TETRAOCTYL TITANATE

CAS:1070-10-6

OSHA PEL:NE

ACGIH TLV:NE

Ingred Name:AROMATIC NAPHTHA

CAS:68477-31-6

OSHA PEL:100 PPM

ACGI

H TLV:100 PPM

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Na

me:VOC. 795.73 G/L LESS EXEMPTIONS

RTECS #:9999999VO

==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Effects of Overexposure:EYE: LIQUID CAN CAUSE SEVERE IRRITATION

SKIN: LOCAL IRRITATION. MAY CAUSE

ALLERGIC SKIN RASH IN SENSITIZED INDIVIDUALS INHAL: IRRITATION OF
THE RESPIRATORY TRACT. MAY CAUSE HDACHES, DIZZINESS,
UNCONSCIOUSNESS.; I

GST: NAUSEA, VOMITING, LIVER & KIDNEY DAMAGE

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

First Aid:EYE: FLUSH W/LK WARM WTR FOR 15 MINUTES. IF SYMPTOMS PERSIST,

CONSULT PHYSICIAN SKIN: WASH WITH SOAP & WATER. IF SYMPTOMS

PERSIST, CONSULT A PHYSICIAN INHAL: REMOVE TO FRESH AIR.

IF SYMPTOMS ARE PRESENT CONSULT A PHYSICIAN.INGST: DO NOT INDUCE

VOMITING. CONSULT A PHYSICIAN

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

Flash Poin

t Method:PMCC

Flash Point:23F/-5.00C

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE AIR SUPPLIED RESPIRATOR. USE WATER TO COOL HEAT EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:HIGH TEMPERATURES MAY; CAUSE PRESSURE BUILDUP IN CLOSED CONTAINERS.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. WEAR AIR SUPPLIED RESPIRATOR FOR MAJOR UNVENTILATED SPILLS. COVER WITH ABSORBA NT. SCOOP INTO CONTAINERS.

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

Respiratory Protection:AIR SUPPLIED RESPIRATOR OR ORGANIC VAPOR CARTRIDGE RESPIRATOR

Ventilation:GENREAL VENTILATION TO MAINTAIN VAPORS BELOW PEL.

Protective Gloves:SOLVENT RESISTANT GLOVES

Eye Protection:CHEMICAL GOGGLES/FULL FACE SHIELD

Supplemental Safety and Health

NK

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

Spec Gravity:0.82

Solubility in Water:MODERATE

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:OXIDES OF CARBON

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

Waste Disposal Methods:DISPOSE OF SPILLAGE IN COMPLIANCE WITH FEDERAL,ANDSTATE REGULATIONS.

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