

PRATT AND LAMBERT INC -- PR-WASH PRETREAT FORM 117 METALS ID728014 --  
8030-00-281-2726

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

Product ID:PR-WASH PRETREAT FORM 117 METALS ID728014

MSDS Date:10/14/1988

FSC:8030

NIIN:00-281-2726

Kit Part:Y

MSDS Number: BDSTM

=== Responsible Party ===

Company Name:PRATT AND LAMBERT INC

Address:16116 E 13TH ST

Box:2153

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone

Num:316-733-1361

Emergency Phone Num:716-873-6000 DOT EMER 8002553924

Preparer's Name:W.A. ELLISON

CAGE:61196

=== Contractor Identification ===

Company Name:PRATT AND LAMBERT INC

Box:6027

City:CLEVELAND

State:OH

ZIP:44101-1027

Country:US

Phone:216-566-2902

CAGE:61196

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

Ingred Name:ZINC CHROMATE

CAS:13530-65-9

RTECS #:GB3290000

OSHA PEL:0.1 MG/M3 (CRO3)

ACGIH TLV:0.01MG/M3(CR)A1;9192

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

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AS:67-63-0  
RTECS #:NT8050000  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:N-BUTYL ALCOHOL (SARA III)  
CAS:71-36-3  
RTECS #:EO1400000  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:PHOSPHORIC ACID  
(VP 1 MM HG @ 20 DEG.C)  
CAS:664-38-2  
OSHA PEL:1 MG/CU.M  
ACGIH TLV:1 MG/CU.M

Ingred Name:VOC. ORGANIC CMPD 5.0 LB/GAL LESS WATER & NPRS\* 600 G/L  
LESS WATER VOC. 5.9 LB/GAL SOLIDS 708 G/L SOLIDS CALCU  
RTE  
CS #:9999999VO

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:PROLONGED OVEREXPOSURE TO RELATIVELY  
INSOLUBLE CHROMATES MAY CAUSE LUNG CANCER, DERMATITIS & EROSION OF  
THE TEETH. MAY CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.  
INTENT MISUSE BY DELIBERATE CONCEN & INHAL OF CONTENTS MAY BE  
HARMFUL OR FATAL.

Explana  
tion of Carcinogenicity:ZINC CHROMATE HAS BEEN LISTED AS A  
POTENTIAL CARCINOGEN BY THE INTERANATIONAL AGENCY FOR RESEARCH ON  
CANCER

Effects of Overexposure:INGES: SEVERE BURNS OF CMUCOUS MEMBRANES OF  
MOUTH ESOPHAGUS, STOMACH PAIN, NAUSEA, VOMIT. GASTROINTESTINAL  
IRRI, ASPIRATION INTO LUNG, CHEM PNEUMONITIS, FATAL. INHAL: SEVERE  
IRRI, COUGH, BURNING THROA T, CHOKING, PULMONARY EDEMA. EYE: SEVERE  
IRRI & CORNEAL DAM. SKIN: ABSORB LRG AMTS, SEVERE BURNS UNLESS  
WASHED OFF

IMMED

Medical Cond Aggravated by Exposure:NONE LISTED. NOTES TO PHYSICIAN:

ANY TREATMENT THAT MIGHT BE REQUIRED FOR OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS.

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

First Aid:SWALLOW: DO NOT INDUCE VOMIT. GIVE 1 OR 2 GLASS OF WTR TO DILUTE. NEVER BY MOUTH TO UNCONS PERSON. CALL POISON CONTROL CENTER, HOSPITAL, PHYSICIAN IMMED. INHAL: REMOVE TO FRESH AIR IMMED. IF BREAT

H STOPPED GIVE CPR/OXYGEN IF NEEDED. KEEP WARM & QUIET. GET MED ATTN IMMED. EYE: FLUSH LRG AMTS OF WTR, LIFTING LIDS 15 MIN. GET MED ATTN. SKIN: IMMED FLUSH LRG AMT WTR. REMOVE CONTAM CLOTHES. PHYSICIAN

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

Flash Point:53 F/ 12 C

Extinguishing Media:NFPA CL B FIRE EXTING (CARBON DIOXIDE, ALL PURPOSE DRY CHEM OR ALCOHOL FOAM) FOR FLAMM LIQ FIRES. POLYMER FOAM IS PREFER

Fire Fighting Procedures:WEAR SELF CONTAIN BREATHING APPARATUS. WTR

INEFFECTIVE, BUT USED TO COOL CONTAINERS, PREVENT PRESSURE BUILD UP/POSS AUTO IGNITE/EXPLOSION FROM HEAT. FOG NOZZLE

Unusual Fire/Explosion Hazard:EMERGENCY COND OVEREXPOSURE TO DECOMP MAY CAUSE HEALTH HAZARD. SYMP MAY NOT BE IMMED APPARENT. OBTAIN MEDICAL ATTENTION. WARNING! FLAMMABLE.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIP. VENT AREA OF LEAK. STOP LEAK. CONFINE

COLLECT SPILL MATERIAL. DILUTE &/OR

NEUTRALIZE. KEEP SPECTATORS AWAY. ELIMINATE IGNITE SOURCES. DIKE & CONTAIN SPILL W/INERT MATERIAL. TRANS LIQ TO COVERED METAL CONTAINER.

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

Handling and Storage Precautions:DO NOT STORE ABOVE 95 DEG F. STORE LRG AMTS IN COMPLIANCE WITH OSHA. USE ONLY NON-SPARKING TOOLS. PLACE ABSORBENT DIKING MATERIAL IN COVER METAL CONT

Other Precautions:PREVENT CONTAMINATION OF SEWERS,

STREAMS, AND

GROUNDWATER W/SPILLED MATERIAL OR USED ABSORBENT. DO NOT TAKE INTERNALLY. CLOSED CONTAINER AFTER EACH USE. EMPTY CONTAINERS MUST NOT BE WASHED AND REUSED FOR ANY PURPOSE. CONTAINERS SHOULD BE GROUNDED

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

Respiratory Protection: GENERAL EXPOSURE TO ORGANIC CHEM MAY NOT REQUIRE USE OF RESPIR PROTECT IF WELL VENT AREA. RESTRICTED VENT AREA A NIOSH APPROVED CHEM CARTRIDGE RESPIR MAY BE REQUIRED. UNDER SPRAY, ETC

MECH PREFILTER REQUIRED. CONFINED-AIR SUPPLIED RESPIRATOR

Ventilation: GENERAL DILUTION & LOCAL EXHAUST VENT SUFFICIENT VOL/PATTERN TO MAINTAIN CONCEN OF HAZARD SUB TO BELOW LOWEST LIMITS

Protective Gloves: IMPERMEABLE GLOVES FOR PROLONGED USE

Eye Protection: SAFETY SPECTACLES, CHEM SPLASH GOGGLES

Other Protective Equipment: EYE WASH FACILITY AND SAFETY SHOWER

Work Hygienic Practices: GOOD GENERAL HYGIENE PRACTICES

Supplemental Safety and Health

DO NOT WELD, BRAZE OR CUT ON EMPTY CONTAINER

. NEVER USE PRESSURE TO EMPTY. DRUM IS NOT A PRESSURE VESSEL

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

HCC:F2

Boiling Pt: B.P. Text: 180-500 F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 90

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS OR ALKALINE MATERIALS

Stability Condition to Avoid: NORMALLY STABLE

Hazardous Decomposition Product

s: BURNING, INCLUDE WHEN HEAT BY

WELD/CUTTING, WILL PRODUCE SMOKE, CARBON MONOXIDE, CARBON DIOXIDE. OXIDES OF CHROMIUM GENER

Conditions to Avoid Polymerization: KEEP AWAY FROM HEAT SPARKS AND FLAME

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

Waste Disposal Methods: ACCORD W/FED, STATE & LOCAL LAWS. INCIN ONLY IN EPA PERMITTED FACILITY. DO NOT INCIN CLOSED CONTAIN. OBSERVE PRECAUTIONS OF FLAMM. CONTAM ABSORB MAY BE DISPOSED IN A HAZARDOUS WASTE LANDFILL. DI

SPOSE ON LY W/FED, STATE & LOCAL REG. HAZARDOUS  
WASTE.

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