

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

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

Product ID:PR-WASH PRETREAT FORM 117 METASL ID728014

MSDS Date:10/14/1988

FSC:8030

NIIN:00-281-2726

Kit Part:Y

MSDS Number: BHQSM

=== 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)

C

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  
(VAPOR PRESSURE 1 MMHG @ 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 SOL  
IDS CALCU  
RTECS #: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.  
INTENTIONAL MISUSE BY DELIBERATE LY CONCENTRATING & INHALING OF  
CONTENTS  
MAY BE HARMFUL OR EVEN FATAL.  
Explanation of Carcinogenicity:ZINC CHROMATE HAS BEEN LISTED AS A  
POTENTIAL CARCINOGEN BY THE INTERNATIONAL AGENCY FOR RESEARCH ON  
CANCER.  
Effects of Overexposure:INGEST: SEVERE BURNS OF MUCOUS MEMBRANE OF  
MOUTH/ESOPHAGUS, STOMACH PAIN, NAUSEAVOMIT. GASTROINTESTINAL IRRI,  
ASPIRATION INTO LUNGS, CHEM PNEUMONITIS, FATAL. INHALE: SEVERE  
IRRI, COUGH, BURNING THRO AT, CHOKING, PULMONARY EDEMA.  
EYE:SEVEREIRRI & CORNEAL DAMAGE. SKIN:ABSORB LG AMT

S, SEVERE BURNS

UNLESS WASHED OFF IMMEDIATELY

Medical Condition Aggravated by Exposure: NONE LISTED. NOTE TO PHYSICIAN: ANY TREATMENT THAT MIGHT BE REQUIRED FOR OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS.

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

First Aid: INGEST: DO NOT INDUCE VOMIT. GIVE 1 OR 2 GLASS OF WATER TO DILUTE. NEVER BY MOUTH TO UNCONSCIOUS PERSON. CALL POISON CONTROL CENTER, HOSPITAL, PHYSICIAN IMMEDIATELY. INHALE: REMOVE TO FRESH AIR

REMOVE TO FRESH AIR

IMMEDIATELY. IF BREATH STOPPED GIVE CPR/OXYGEN AS NEEDED.

KEEP WARM/QUIET. GET MEDICAL ATTENTION IMMEDIATELY. EYES: FLUSH LARGE AMOUNTS OF WATER, LIFTING LIDS 15 MINUTES. GET MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHES. CALL MEDICAL SERVICES

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

Flash Point: 53 F / 12 C

Extinguishing Media: NFPA CLASS B FIRE EXTINGUISHING (CARBON DIOXIDE, ALL PURPOSE DRY CHEMICAL OR ALCOHOL FOAM (FOR FLAMMABLE LIQUID FIRES. POLYMER FOAM IS PREFERRED))

Fire

Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS. WATER IS INEFFECTIVE, BUT USED TO COOL CONTAINERS, PREVENT PRESSURE BUILDUP/AUTO IGNITION/EXPLOSION FROM HEAT. USE FOG NOZZLES.

Unusual Fire/Explosion Hazard: EMERGENCY CONDITION OVEREXPOSURE TO DECOMPOSITION MAY CAUSE HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION. WARNING! FLAMMABLE.

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

Spill Release Procedures: WEAR APPROPRIATE PROTECTIVE EQUIPMENT. VENT AREA.

STOP LEAK. CONFINE/COLLECT SPILL MATERIAL. DILUTE &/OR NEUTRALIZE. KEEP SPECTATORS AWAY. ELIMINATE IGNITION SOURCES. DIKE & CONTAIN SPILL WITH INERT MATERIAL. TRANSFER LIQUID TO COVERED METAL CONTAINER.

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

Handling and Storage Precautions: DON'T STORE ABOVE 95 F. STORE LARGE AMOUNTS IN COMPLIANCE WITH OSHA. USE ONLY NON-SPARKING TOOLS. PLACE ABSORBENT DIKING MATERIAL IN COVERED METAL CONTAINER

Other Precautions:PREVENT CONTAMINATION OF SEWERS, STREAMS & GROUNDWATER W/SPILLED MATERIAL/USED ABSORBENT. DO NOT TAKE INTERNALLY. CLOSED CONTAINER AFTER EACH USE. EMPTY CONTAINER MUST NOT BE WASHED & REUSED FOR ANY PURPOSE. CONTAINER SHOULD BE GROUNDED

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

Respiratory Protection:GEN EXPOSURE TO ORGANIC CHEM MAY NOT REQUIRE USE OF RESPIR PROTECT IF WELL VENT AREA. RESTRICTED VENT AREA-NIOSH APPROVED

CHEM CARTRIDGE RESPIR MAY BE REQUIRED.SPRAYING, ETC.-MECH PREFILTER REQUIRED. IF CONFINED-USE AIR SUPPLIED RESPIRATORS

Ventilation:GENERAL DILUTION & LOCAL EXHAUST VENT SUFFICIENT VOL/PATTERN TO MAINTAIN CONCENTRATE OF HAZARD SUB 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.

Supple

mental Safety and Health

DO NOT WELD, BRAZE OR CUT ON EMPTY CONTAINER. NEVER USE PRESSURE TO EMPTY DRUM. DRUM IS NOT A PRESSURE VESSEL.

===== 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

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS OR ALKALINE MATERIALS.

Stability Condition to Avoid:NORMALLY STABLE.

Hazardous Decomposition Products:BURNING, INCLUDING WHEN HEATED BY WELD/CUTTING, WILL PRODUCE SMOKE, CARBON MONOXIDE/DIOXIDE. OXIDES OF CHROMIUM GENERATED

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

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

Waste Disposal Methods:ACCORD W/FED, STATE & LOCAL LAWS. INCIN ONLY EPA PERMITTED FACILITY. DO NOT INCIN CLOSED CONTAIN. OBSERVE PRECA

UTIONS OF FLAMM. CONTAM ABSORB MAY BEDISPOSED IN A HAZARDOUS  
WASTE LANDFILL. DISPOSE ACCORD TO FED, STATE & LOCAL REG.  
HAZARDOUS WASTE.

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