

PRODUCTS/TECHNIQUES INC -- MIL-P-85582A CATALYST -- 8010-01-466-9307

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

Product ID:MIL-P-85582A CATALYST

MSDS Date:02/11/2000

FSC:8010

NIIN:01-466-9307

Status Code:A

MSDS Number: CLNJD

=== Responsible Party ===

Company Name:PRODUCTS/TECHNIQUES INC

Address:3271 S RIVERSIDE AVE

City:RIALTO

State:CA

ZIP:92376

Country:US

Info Phone Num:909-877-3951

Emergency Phone Num:

1-800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:06341

=== Contractor Identification ===

Company Name:PRODUCTS/TECHNIQUES INC

Address:3271 S RIVERSIDE AVE

Box:City:RIALTO

State:CA

ZIP:92376

Country:US

Phone:909-877-3951

CAGE:06341

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

Ingred Name:WATER H2O

CAS:7732-18-5

Code:F

RTECS #:ZC0110000

= Wt:58.6

Ingred Name:MODIFIED ALIPHATIC AMINE SOLUTION

= Wt:24.7

Ingred Name:2-PROPOXYETHANOL

CAS:28

07-30-9
RTECS #:KM2800000
= Wt:16.5

Ingred Name:PAINT ADDITIVE
= Wt:.3

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Effects of Overexposure:EYE CONTACT: DIRECT CONTACT WITH THE LIQUID OR EXPOSURE TO VAPORS OR MIST MAY CAUSE STINGING, TEARING, REDNESS, SWELLING AND EYE DAMAGE. SKIN CONTACT: MAY CAUSE SKIN SENSITIZATION, AN ALLERGIC REACTIO N, WHICH BECOMES EVIDENT ON REEXPOSURE TO THIS MATERIAL.PRO LONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS.INHALATION: HEA DACHES, DIZZINESS, NAUSEA, DECREASED BLOOD PRESSURE, CHANGES IN HEART RATE AND CYANOSIS MAY RESULT FROM OVER-EXPOSURE TO VAPOR OR SKIN EXPOSURE. INGESTION: THIS MATERIAL MAY BE HARMFUL OR FATAL IF SWA LLOWED.

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===== First Aid Measures =====
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First Aid:EYE CONTACT:IMMEDIATELY MOVE VICTIM AWAY FROM EX POSURE AND INTO FRESH AIR. IF IRRITATION OR REDNESS DEVELOPS,FLUSH EYES WITH WATER 20 MIN AND SEEK IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: REMOVE FROM AREA OF EXPOSURE.IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. KEEP VICTIM WARM. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: HAVE M.S.D. S. HAZARDOUS INGREDIENT SECTION (SECT.2) READILY AVAILABLE FOR EMERGENCY PERSONNEL OR DOCTOR. GET MEDICAL ATTENTIO N IMMEDIATELY.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC
Flash Point:=93.3C, 200.F
Lower Limits:1.3%
Upper Limits:5.0%
Extinguishing Media:ALCOHOL FOAM CO2 DRY CHEMICAL FOAM.
Fire Fighting Procedures:CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT (FIRE). AS IN ANY FIRE, WEAR SELF CONTAINED BREATHING APPARATUS PRESSURE DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAM

AGE.

DIKE AND COLLECT WATER USED TO FIGHT FIRE.

Unusual Fire/Explosion Hazard:VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. COMBUSTIBLE LIQUID. CAN FORM EXPLOSIVE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT. "EMPTY" CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAIN

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

Spill R

Release Procedures:ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER. AVOID RUNOFF INTO STORM SEWERS AND DITCHES WHICH LEAD TO WATERWAYS.

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

Handling and Storage Precautions:WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE.

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

Respiratory Pr

rotection:A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. PROTECTION AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR ANY OTHER CIRCUMSTANCES W

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

Protective Gloves:WE

AR CHEMICAL RESISTANT GLOVES SUCH AS NEOPRENE OR NITRILE

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).

Other Protective Equipment:WHERE SPLASHING IS POSSIBLE, FULL CHEMICALLY RESISTANT PROTECTIVE CLOTHING SUCH AS A CHEMICAL SUIT, BOOTS, GOGGLES, FACE SHIELD

Work Hygienic Practices:WASH HANDS BEFORE EATING. GROUND AND BOND CONTAINERS WHEN TRANSFERRING MATERIAL. USE SPARK PROOF TOOLS AND EXPLOSION PROOF EQUIPMENT. AVOID PROLONGED CONTACT WITH MATERIAL.

REMOVE CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:301-308 F

Vapor Density:HEAVIER

Spec Gravity:1.0243

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETATE

Solubility in Water:SOLUABLE

Appearance and Odor:AMBER LIQUID PUNGENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND BASES, OXIDIZERS, AND SELECTED AMINES.

Stability Condition to Avoid:AVOID ALL POSSIBLE SOURCES OF IGNITION.

Hazardous Decomposition Products:CO AND CO2. OTHER UNKNOWN HAZARDOUS PRODUCTS ARE POSSIBLE.

Conditions to Avoid Polymerization:WILL NOT OCCUR UNDER NORMAL CONDITIONS.

===== Toxicological Information =====

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:FLAMMABLE LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATES AND METHYL PROPYL KETONE). HAZARD CLASS: 3.

IDENTIFICATION NUMBER: UN1993. PACKING GROUP II. LABEL: FLMMABLE.

PH: NOT APPLICABLE. FLASH POINT: 40F.

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==== Regulatory Information =====

SARA Title III Information:SECTION 311/312 HAZARD CATAGORIES: ACUTE HEALTH, FIRE. SECTION 313 REPORTABLE INGREDIENTS: NONE.

Federal Regulatory Information:TSCA: THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. CERCLA: THIS PRODUCT CONTAINS NO CERCLA REPORTABLE MATERIALS. CONTACT LOCAL AUTHORITIES TO DETERMINE IF THERE MAY BE OTHER LOCAL REPORTING REQUIREMENTS.

State Regulatory Information:NEW JERSEY-RIGH

T-TO-KNOW INFORMATION: THIS

PRODUCT CONTAINS LIGHT ALIPHATIC PETROLEUM NAPHTHA (CAS# 64742-89-8), METHYL PROPYL KETONE (CAS# 107-87-9) AND HEPTANE (CAS# 142-822-5). CALIFORNIA PROPOSITI ON 65 INFORMATION: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS RECOGNIZED BY THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR REPRODUCTIVE HARM. SCAQMD INFORMATION: IS THERE PHOTOCHEMIC ALLY REACTIVE MATERIAL PRESENT? YES; WHAT % PHOTOCHEMICALLY REACTIVE MATERIAL? 50

%; WHAT IS THE VOC CONTENT? 780 G/L; WHAT IS THE VAPOR PRESSURE OF VOC'S? 30 MM HG @ 20C.

==== Other Information =====

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