

MANTECH,DIVISION OF NCH CORP. -- 0382;PRO POWER -- 6850-01-383-0429

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Product Identification
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Product ID:0382;PRO POWER

MSDS Date:08/16/1995

FSC:6850

NIIN:01-383-0429

MSDS Number: BYFGR

=== Responsible Party ===

Company Name:MANTECH,DIVISION OF NCH CORP.

Box:152170

City:IRVING

State:TX

ZIP:75015

Country:US

Info Phone Num:214-438-1381

Emergency Phone Num:214-438-1381

Preparer's Name:C KER

INS,CHEMIST

CAGE:64796

=== Contractor Identification ===

Company Name:NCH CORP / MANTEK DIV

Address:1320 E NORTHGATE DRIVE

Box:152170

City:IRVING

State:TX

ZIP:75015-2170

Country:US

Phone:800-527-9919

CAGE:64796

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Composition/Information on Ingredients
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Ingred Name:ALIPHATIC PETROLEUM DISTILLATE

CAS:64742-47-8

RTECS #:OA5504000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 (OIL MIST)

ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:D-LIMONENE

CAS:5989-27-5

RTECS #:GW63

60000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 4400MG/KG(LIMONENE)

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY
CAUSE IRRITATION AND SENSITIZATION IN INDIVIDUALS SENSITIVE TO
ORANGE OIL.INGEST:MAY CAUSE GI TRACT IRRITATION.MAY CAUSE LUNG
DAMAGE IF VOMITED

AFTER INGESTING.INHAL :MAY CAUSE RESPIRATORY
IRRITATION AND CNS EFFECTS.TARGET ORGANS:CNS,SKIN.CHRONIC:POSSIBLE
KIDNEY DAMAGE(PET.DISTILLATES)

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of

Overexposure:EYES:REDNESS,TEARING.SKIN:REDNESS,DERMATITIS.INHAL(CNS
EFFECTS):ANESTHESIA,DROWSINESS,UNCONSCIOUSNESS,DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS

AND DERMATITS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.IF
IRRITATION DEVELOP,CALL DOCTOR.EYES:REMOVE CONTACT LENSES.FLUSH
WITH WATER FOR 15 MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE TO
FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF
NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL
ATTENTION.IF CONSCIOUS,GIVE 3-4 GLAS
SES OF WATER.SPONTANEOUS
VOMITING:GIVE WATER IF CONSCIOUS

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

Flash Point Method:PMCC

Flash Point:142F,61C

Lower Limits:0.7

Upper Limits:6.1

Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL
DISTA

NCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.FIRE
CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER
RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF
SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT
ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.WASH
SPILL AREA TO REMOVE SLIPPINESS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE BELOW 100F IN A
DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN
USE.KEEP AWAY FROM HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:USE WITH PROPER VENTILATION.FOLLOW LABEL DIRECTIONS.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE AN AIR-SUPPLIED RESPIRATOR.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:NEOPRENE,PVA.

Eye Protection:SAFETY GLASSES WITH SIDESHIELDS.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A
LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK
AREA.

Supplemental Safety and Health
NONE

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

HCC:V4

Boiling Pt:B.P. Text:424F,218C

Vapor Pres:0.7

Vapor Density:>5

Spec Gravity:0.796

Viscosity:NON-VISCOUS

Evaporation Rate & Reference: