

NCH DYNA SYSTEMS DIV -- 5008 BP-118 AEROSOL -- 6830-00F054373

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

Product ID:5008 BP-118 AEROSOL
MSDS Date:04/29/1997
FSC:6830
NIIN:00F054373
MSDS Number: CFVJQ
=== Responsible Party ===
Company Name:NCH DYNA SYSTEMS DIV
Address:2727 CHEMSEARCH BLVD
Box:655326
City:DALLAS
State:TX
ZIP:75265-5326
Country:US
Info Phone Num:800-336-0450/214-438-1381
Emergency Phone Num:214-438-1381/800-336-0450
Preparer's Name:L DEYOUNG
CAGE:0PH16

=== Contractor Identification ===

Company Name:NCH DYNA SYSTEMS DIV
Address:2727 CHEMSEARCH BLVD
Box:City:DALLAS
State:TX
ZIP:75265-5326
Country:US
Phone:800-336-0450/214-438-1381
CAGE:0PH16

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

Ingred Name:TOLUENE (IARC CARC- GROUP 3) *97-2*
CAS:108-88-3
RTECS #:XS5250000
Other REC Limits:375 MG/CUM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ACETONE; DIMETHYL KETONE; 2-PROPANONE *97-2*
CAS:67-64-1
RTECS #:AL3150000
OSHA PEL:2400 MG/CUM
ACGIH TLV:750 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYLENE GLYCOL PROPYL ETHER, EKTASOLVE EP,
2-PROPOXYETHANOL
CAS:2807-30-9
RTECS #:KM2800000

Ingred Name:AMYL ACETATE

CAS:628-63-7
RTECS #:AJ1925000
Other REC Limits:530 PPM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PROPANE (DIMETHYLMETHANE) *97-2*
CAS:74-98-6
RTECS #:TX2275000
Other REC Limits:1800 MG/CUM
OSHA PEL:1000 PPM
ACGIH TLV:SIMPLE ASPHYXIAN

Ingred Name:ISOBUTANE, 2-METHYLPROPANE
CAS:75-28-5
RTECS #:TZ4300000
Other REC Limits:1000 PPM
OSHA PEL:1800 MG/CUM
ACGIH TLV:1000 PPM

Ingred Name:XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GROUP 3) *97-2*
CAS:1330-20-7
RTECS #:ZE2100000
Other REC Limits:100 PPM
OSHA PEL:100 PPM
ACGIH TLV:100 PPM, SKIN
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50(RAT): 9750 MG/KG ACETONE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION & BURNING.
SKIN: IRRITATION & DERMATITIS, MAY BE ABSORBED & CAUSE BRAIN &
NERVOUS SYSTEM EFFECTS. ALLERGIC REACTIONS. INHALATION: MAY CAUSE
CYANOSIS & LEAD TO CNS DEPRESSION. I NGESTION: GI IRRITATION, CAN
LEAD TO ASPIRATION INTO THE LUNGS & CAUSE DAMAGE & MAY BE FATAL.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, TEARING, REDNESS, BURNING
SENSATION, ITCHING, DEFATTING, DRYNESS, HEADACHES, DIZZINESS,
NAUSEA, DECREASED BLOOD PRESSURE, CHANGES IN HEART RATE, VOMITING,
DIARRHEA.
Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY & SKIN
CONDITIONS SUCH AS ASTHMA, EMPHYSEMA & DERMATITIS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. CLEAR AIRWAY & START CPR IF
NEEDED. EYES: RINSE W/WATER. REMOVE CONTACT LENSES & CONTINUE
FLUSHING FOR 15 MINS. SKIN: WASH W/LARGE AMOUNTS OF SOAP & WATER
FOR 15 MINS. INGESTION: GIVE 3-4 GLASSES OF WATER, DON'T INDUCE
VOMITING. IF VOMITING OCCURS, GIVE FLUIDS. DON'T GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS/CONVULSING PERSON. OBTAIN MEDICAL ATTENTION

IN ALL CASES.

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

Flash Point Method:TCC
Flash Point:-4F
Lower Limits:1
Upper Limits:12.8
Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER SPRAY.
Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS W/WATER SPRAY TO PREVENT BURSTING.
Unusual Fire/Explosion Hazard:VAPORS WILL ACCUMULATE READILY & MAY IGNITE EXPLOSIVELY. KEEP AREA VENTILATED DURING USE & UNTIL ALL VAPORS ARE GONE.

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

Spill Release Procedures:SMALL: ABSORB ONTO AN INERT MATERIAL & TRANSFER TO A LABELED CONTAINER FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE INDOORS AT TEMPS <32F TO >100F. KEEP AWAY FROM IGNITION SOURCES. AVOID PROLONGED EXPOSURE TO SUNLIGHT/HEAT/OTHER SOURCES OF IGNITION.
Other Precautions:KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

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

Respiratory Protection:USE A NIOSH APPROVED SOLVENT CARTRIDGE RESPIRATOR IF USED IN POORLY VENTILATED AREAS.
Ventilation:LOCAL EXHAUST: SUFFICIENT TO MAINTAIN CONCENTRATION BELOW EXPOSURE LIMITS.
Protective Gloves:POLYVINYL ALCOHOL
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS
Other Protective Equipment:APRON.
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.
Supplemental Safety and Health
NOTES TO PHYSICAIN: DEPENDING ON THE AMOUNT INGESTED, GASTRIC LAVAGE SHOULD BE CONSIDERED. KEEP PATIENTS HEAD BELOW HIPS TO PREVENT PULMONARY ASPIRATION. IF COMATOSE, A CUFFED ENDOTRACHEAL TUBE WILL PREVENT ASPIRATION. INHALATION OF HIGH AMOUNTS OF VAPORS MAY CAUSE LOSS OF CONSCIOUSNESS.

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

Boiling Pt:B.P. Text:-44F-308F
Vapor Pres:40
Vapor Density:1.3
Volatile Org Content %:64
Spec Gravity:0.75
Evaporation Rate & Reference:(BU AC = 1): >1
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR NON-VISCOUS WATER-WHITE COLOR W/OILY ODOR
Percent Volatiles by Volume:90

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

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZERS, STRONG ACIDS.
Stability Condition to Avoid: HEAT, HOT SURFACES, SPARKS & OPEN FLAMES.
Hazardous Decomposition Products: CO, CO2 & TRACE AMOUNTS OF PHOSGENE.

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

Waste Disposal Methods: DISPOSE OF IAW/FEDERAL, STATE & LOCAL
REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL
CONTAINER IN SEVERAL LAYERS OF NEWSPAPER & DISPOSE OF IN THE TRASH.

===== Other Information =====

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