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DATE OF ISSUE
07/08/86SUPERSEDES
10/25/85

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS
N/ATRADE NAME & SYNONYMS
DOUBLE QUICKCHEMICAL FAMILY
PYRETHRUM INSECTICIDEFORMULA
X<--MIXTUREMANUFACTURERS NAME:
NATIONAL CHEMSEARCH DIV. OF NCH CORP.ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE)
BOX 152170
IRVING, TEXAS 75015PREPARED BY:
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0118EMERGENCY TELEPHONE NUMBER
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SECTION II- HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL
COMPONENTS AS THE PRODUCT MIXTURE HAS NOT BEEN TESTED
AS A WHOLE.

CHEMICAL NAME (INGREDIENTS)	HAZARD	TLV*	PEL*	CAS#
PETROLEUM DISTILLATES	COMBUST.	100 PPM 3.	500 MG/M3	8030-30-6
TECHNICAL PIPERONYL BUTOXIDE	SKIN IRR.	NOT EST.	NOT EST.	51-03-6

SECTION III - PHYSICAL DATA

BOILING PT. (FAHRENHEIT)	408	SPEC GRAVITY (H2O=1)	:0.770
VAPOR PRESSURE (MM HG)	<10	COLOR	YELLOW
VAPOR DENSITY (AIR=1)	6.4	ODOR	PYRETHRINS

DOUBLE QUICK

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SECTION III - PHYSICAL DATA

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PH @ 100%	N/A	CLARITY	TRANSPARENT
PERCENT VOLATILE BY VOLUME (%)	99	EVAPORATION RATE (BU AC = 1)	<0.1
SOLUBILITY IN WATER	NEGLECTIBLE		
VISCOSITY	NON-VISCOUS		

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED) 170 F. C.O.C	FLAMMABLE LIMITS	LEL	N/A	UEL	N/A
EXTINGUISHING MEDIA "ALCOHOL" X<--FOAM	X<--CO2	DRY X<--CHEMICAL	WATER --SPRAY	--OTHER	

SPECIAL FIRE FIGHTING PROCEDURES
USE WATER IN FINE SPRAY TO COOL UNBROKEN CONTAINERS TO PREVENT BURSTING
FROM EXCESSIVE PRESSURE. SELF-CONTAINED BREATHING APPARATUS AND RUBBER
PROTECTIVE CLOTHING SHOULD BE WORN. DIKE AREA TO PREVENT RUNOFF.UNUSUAL FIRE & EXPLOSION HAZARDS
FIRE FIGHTING SHOULD BE DONE FROM UPWIND TO MINIMIZE POSSIBILITY OF FIRE
FIGHTING TO PESTICIDE, SMOKE AND FUMES. EVACUATE PEOPLE DOWNWIND AS
APPROPRIATE. SEE HAZARDOUS DECOMPOSITION PRODUCTS.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE :

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE

- ACUTE - (SHORT TERM EXPOSURE)
SEVERE IRRITATION TO EYES, REDNESS, TEARING AND BLURRED VISION CAUSES
IRRITATION, DEFATTING OF SKIN, EXCESSIVE BREATHING OF VAPORS CAN LEAD
TO NASAL & RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, NAUSEA AND
POSSIBLE UNCONSCIOUSNESS, EVEN ASPHYXIATION. SWALLOWING CAN CAUSE NAUSEA,
CRAMPS, CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

- CHRONIC - (LONG TERM EXPOSURE)
CAUSES MARKED IRRITATION TO EYES. EXCESSIVE OVEREXPOSURE TO SKIN CAN
CAUSE DERMATITIS AND CHAPPING.
TARGET ORGANS: SKIN

PRIMARY ROUTE OF ENTRY: X<-- INHALATION <-- INGESTION X<-- ABSORPTION

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SECTION V - HEALTH HAZARD DATA

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EMERGENCY & FIRST AID PROCEDURES

IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS APART TO INSURE FLUSHING OF THE EYE SURFACE. SEEK MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS APART TO INSURE FLUSHING OF THE EYE SURFACE. SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT:

IMMEDIATELY WASH CONTAMINATED SKIN WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION IMMEDIATELY.

INGESTION:

CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY. IF VICTIM IS CONSCIOUS, GIVE LARGE AMOUNTS OF WATER TO DILUTE STOMACH CONTENTS.

NOTES TO PHYSICIAN:

ASPIRATION HAZARD MAY BE CONTRAINDICATE THE USE OF GASTRIC LAVAGE. CAUTIOUS GASTRIC LAVAGE MAY BE INDICATED FOR INGESTION.

SECTION VI - TOXICITY INFORMATION

ALIPHATIC PETROLEUM DISTILLATE

UNK-MAN LDLO: 1176MG/KG 2.

ORL-RAT LD50: 28G/KG 2.

TECHNICAL PIPERONYL BUTOXIDE

ORL-RAT LD50: 11500MG/KG 1.

SKN-RBT LD50: 200MG/KG 1.

SCU-MUS TDLO: 1000MG/KG TFX:ETA 1.

SECTION VII - REACTIVITY DATA

STABILITY	X<--STABLE	<--UNSTABL	CONDITIONS TO AVOID
			N/A

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG ACIDS OR ALKALINE

HAZARDOUS DECOMPOSITION PRODUCTS

OXIDES OF CARBON

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(CONTINUED)

SECTION VII - REACTIVITY DATA

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HAZARDOUS	X WILL NOT --OCCUR	MAY --OCCUR	CONDITIONS TO AVOID
POLYMERIZATION			N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
STOP LEAK. CONTAIN SPILL. REMOVE AS MUCH MATERIAL AS POSSIBLE WITH AN ABSORBANT MATERIAL. THEN DISPOSE OF CONTAMINATED ABSORBANT IN A CLOSED, LABELED CONTAINER AND CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

WASTE DISPOSAL METHOD

WASTE RESULTING FROM THE USE OF THIS PRODUCT MAY BE DISPOSED OF ON SITE OR AT AN APPROVED WASTE DISPOSAL FACILITY. OPEN DUMPING IS PROHIBITED. DISPOSE OF ANY UNUSED PRODUCT IN A DESIGNATED LANDFILL AREA OR BURY IN A SAFE PLACE AWAY FROM WATER SUPPLY.

NEUTRALIZING AGENT

LIME IS A NEUTRALIZING AGENT TO THE PYRETHRIN.

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION

GOOD INDUSTRIAL HYGIENE PRACTICE DICTATES THAT THE WORK AREA SHOULD BE ISOLATED AND CONTAINED AND PROVIDED WITH ADEQUATE LOCAL EXHAUST VENTILATION OR OTHER CONTROLS TO MAINTAIN THE AIR CONCENTRATION OF PETROLEUM DISTILLATE BELOW 100 PPM AS REQUIRED BY OSHA.

RESPIRATORY PROTECTION

RESPIRATOR SELECTION

50 MG/M3: CCROVDMFPEST/SA/SCBA
250 MG/M3: CCROVDMFPEST/GMOVDMFPEST/SAF/SCBAF
5,000 MG/M3: PAFDVHIEPPEST/SA:PD,PP,CF
ESCAPE: GMOVPEST/SCBA

PROTECTIVE GLOVES

WEAR PROTECTIVE PVA GLOVES TO MINIMIZE CONTACT.

EYE PROTECTION

SAFETY GOGGLES WITH SIDE SHIELDS WHEN MISTING.

OTHER PROTECTION

WEAR PROTECTIVE CLOTHING, LONG SLEEVED SHIRT AND PANTS, TO PREVENT SKIN CONTACT.

STORAGE TEMPERATURE 120 F. <--MAX 35 F. <--MIN INDOOR HEATED REFRIGERATED OUTDOOR

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING
KEEP CONTAINER CLOSED. STORE IN COOL, DRY PLACE.
STORE IN ORIGINAL CONTAINER. IF STORED OUTDOORS,
PLACE THE CONTAINER ON ITS SIDE TO PREVENT WATER
COLLECTING TO THE TOP OF THE DRUM. WASH
THOROUGHLY AFTER HANDLING.

OTHER PRECAUTIONS
DO NOT EAT, DRINK, OR SMOKE IN THE WORK AREA. DO
NOT STORE NEAR SEEDS, FEEDS, FOOD STUFFS. AVOID
CONTAMINATING WATER SOURCES. DO NOT ALLOW SPRAY
DRIFTS TO CONTACT DESIREABLE PLANTS. KEEP OUT OF
REACH OF CHILDREN AND ANIMALS. READ LABEL BEFORE
USE.

SECTION XI - TRANSPORTATION * (FOR FUTURE USE)

APPLICABLE REGULATIONS
<--49 CFR <--IMCO <--TARIFF 6 D <--IATA <--MILITARY AIR (AFR 71-4)

SHIPPING NAME

HAZARD CLASS

ID NUMBER | REPORT QTY

LABELS

LIMITED QTY

UNIT CONTAINER

DOT SPS CONTAINER

NET EXPLOSIVE WT.

AEROSOL PROPELLANT(S)

SECTION XII - REFERENCES

1. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6TH EDITION,
N. IRVING SAX.
2. NIOSH REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, 1982.
3. VENDOR'S MSDS.

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SECTION XII - REFERENCES

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