

MATERIAL SAFETY DATA SHEET STING-X II AEROSOL

DATE OF ISSUE: 05/02/2001
 SUPERCEDES: 01/22/2001

SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms:	Trade Name & Synonyms:
N/A	STING-X II AEROSOL
Chemical Family:	Formula Mixture:
PETROLEUM DISTILLATE	X
Manufacturer's Name:	
CERTIFIED LABS, DIV. OF NCH CORP.	
Address:	
BOX 152170	
IRVING,	TEXAS 75015
Prepared By:	L Boynton/Chemist
Product Code Number:	5388
Emergency Phone Number:	800-424-9300

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS:

Chemical Name (Ingredients):	PETROLEUM DISTILLATE, HYDROTREATED
Hazard:	COMB/IRR
TLV:	5 MG/M3\$ 1
PEL:	5 MG/M3\$ 2
STEL:	NOT EST.
CAS#:	64742-47-8

Chemical Name (Ingredients):	CARBON DIOXIDE
Hazard:	ASPHYX
TLV:	5000 PPM 1
PEL:	5000 PPM 2
STEL:	NOT EST.
CAS#:	124-38-9

Chemical Name (Ingredients):	\$ OIL MIST VALUES
Hazard:	
TLV:	
PEL:	
STEL:	
CAS#:	

SECTION III - PHYSICAL DATA

Boiling Point (f):	N/E
Specific Gravity (H2O=1):	0.80
Vapor Pressure (MM HG):	N/A
Color:	COLORLESS
Vapor Density (Air=1):	N/A
Odor:	PETROLEUM
PH @ 100%:	N/A
Clarity:	TRANSPARENT

Volatile by Volume: 99
Evaporation Rate (BU A/C=1): N/E
H2O Solubility: NEGLIGIBLE
Viscosity: NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: >190 F / SETAFLASH
Flammable Limits: PETROLEUM DISTILLATES LEL: 1.3 UEL: 8.8

Extinguishing Media:
Foam: X Alcohol Foam: CO2: X
Dry Chemical: X Water Spray: Other:

Special Fire Fighting Procedures:
FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire and Explosion Hazards:
DO NOT EXPOSE AEROSOLS TO TEMPERATURES ABOVE 130 DEGREES F OR THE CONTAINER MAY RUPTURE. FLAME EXTENSION IS 0 INCHES, BURNBACK IS 0 INCHES.

Aerosol Level (NFPA 30B): N/A
NFPA Hazard Rating:
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
Health: 1 Flamability: 2 Reactivity: 0 Special:

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:
NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:
-Acute(Short Term Exposure)
EYE CONTACT: CAUSES MODERATE IRRITATION SEEN AS TEARING AND REDNESS. SKIN CONTACT: MAY CAUSE ALLERGIC SKIN REACTION UPON PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT. MAY CAUSE IRRITATION AND MILD DEFATTING OF SKIN. INHALATION: EXCESSIVE INHALATION OF VAPORS CAN BE HARMFUL AND MAY CAUSE HEADACHE, DIZZINESS, ANESTHETIC EFFECTS, NAUSEA, RESPIRATORY DEPRESSION AND CHOLINESTERASE DEPRESSION. INGESTION: MAY CAUSE NAUSEA AND VOMITING. INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

-Chronic (Long Term Exposure)
MAY CAUSE SKIN SENSITIZATION IN SOME INDIVIDUALS. EFFECTS DUE TO EXCESSIVE EXPOSURE MAY INCLUDE CARDIAC ABNORMALITIES, CENTRAL NERVOUS SYSTEM DEPRESSION, LUNG, KIDNEY, LIVER DAMAGE AND CHOLINESTERASE INHIBITION. TARGET ORGANS: BLOOD-FORMING ORGANS, CENTRAL NERVOUS SYSTEM, HEART, LIVER, LUNGS AND KIDNEYS. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING EYE CONDITIONS, RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS.

Primary Routes of Entry: Inhalation: X Ingestion: Absorption:

Emergency and First Aid Procedures:
-Inhalation:
REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

-Eye Contact:
RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF

WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Skin Contact:

WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:

GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

-Notes to Physician:

INGESTION AND SUBSEQUENT VOMITING OF THIS PRODUCT CAN LEAD TO ASPIRATION OF THE PRODUCT INTO THE LUNGS WHICH CAN CAUSE CHEMICAL PNEUMONITIS AND MAY BE FATAL.

SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC: No

NTP: No

OSHA: No

ACGIH: No

OTHER: No

PETROLEUM DISTILLATES, HYDROTREATED (BASED ON SIMILAR COMPOUNDS)

ORL-RAT LD50: >5000 MG/KG 3.

SKN-RBT LD50: >2000 MG/KG 3.

CARBON DIOXIDE

IHL-RAT TCLO: 10000 PPM/24H/30D CONTINUOUS 3.

IHL-HMN LCLO: 9 PPM/5M 3.

SECTION VII - REACTIVITY DATA

Stability:

Stable: X

Unstable:

Contitions to Avoid: AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.

Incompatibility (Materials to Avoid):

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND CONCENTRATED HYDROGEN PEROXIDE.

Hazardous Decomposition Products:

OXIDES OF CARBON.

Hazardous Polymerization:

May Occur: Will Not Occur: X

Contitions to Avoid: NONE KNOWN.

SECTION VIII - SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Released or Spilled:

DUE TO THE NATURE OF THE AEROSOL PACKAGING, A LARGE SPILL IS UNLIKELY. FOR A SMALL SPILL, ABSORB WITH AN INERT MATERIAL AND TRANSFER ALL MATERIAL INTO A PROPERLY LABELED CONTAINER FOR DISPOSAL. WEAR APPROPRIATE PROTECTIVE CLOTHING. PREVENT PRODUCT FROM CONTAMINATING SOIL OR FROM ENTERING SEWAGE AND DRAINAGE SYSTEMS AND BODIES OF WATER.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. TYPICAL DISPOSAL IS TO WRAP THE EMPTY AEROSOL CONTAINER IN SEVERAL LAYERS OF NEWSPAPER AND DISPOSE OF IN THE TRASH. AEROSOL RECYCLING PROGRAMS ARE AVAILABLE IN MANY AREAS. DO NOT PUNCTURE OR

INCINERATE THIS CONTAINER.

Neutralizing Agent:
NONE KNOWN.

SECTION IX - SPECIAL PROTECTION INFORMATION

Required Ventilation:
LOCAL VENTILATION IS RECOMMENDED TO CONTROL EXPOSURE FROM OPERATIONS THAT CAN GENERATE MISTS OR VAPORS.

Respiratory Protection:
A NIOSH/MSHA APPROVED RESPIRATOR IN POORLY VENTILATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV OR OSHA PEL OR WHERE MISTING EXISTS.

Glove Protection:
NEOPRENE OR NITRILE RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

Eye Protection:
SAFETY GLASSES WITH SIDE SHIELDS IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:
WEAR GENERAL DUTY WORK CLOTHING AND SHOES.

SECTION X - STORAGE AND HANDLING INFORMATION

Storage Temperature: Indoors: X Outdoors: X Heated:
Refrigerated:

Minimum Temperature: 32 F Maximum Temperature: 120 F

Precautions to be taken in Handling and Storing:
DO NOT ALLOW PESTICIDE TO CONTAMINATE FOOD, FEED, OR NATURAL BODIES OF WATER. USE WITH CAUTION AROUND HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY AND OPEN FLAME.

Other Precautions:
KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THE PRODUCT. FOLLOW THE LABEL DIRECTIONS.

SECTION XI - REGULATORY INFORMATION

Chemical Name	CAS Number	Upper % Limit
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Those Ingredients listed above are subject to the reporting requirements of 313 of Title III and of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1999.
2. OSHA PEL.
3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR.

IRR:IRRITANT, FLAM/FLAMM:FLAMMABLE, COMB:COMBUSTIBLE, CORR:CORROSIVE

CARC:CARCINOGENIC, TOX:TOXIC, N/A:NOT APPLICABLE, N/E:NOT ESTABLISHED,
COC:CLEVELAND OPEN CUP, PMCC:PENSKY-MARTIN CLOSED CUP, TCC:TAGLIABUE
CLOSEDCUP, LEL:LOWER EXPLOSION LIMIT, UEL:UPPER EXPLOSION LIMIT,
NFPA:NATIONAL FIRE PROTECTION ASSOCIATION, IARC:INTERNATIONAL AGENCY FOR
THE RESEARCH ON CANCER, NTP:NATIONAL TOXICOLOGY PROGRAM, OSHA:OCCUPATIONAL
SAFETY & HEALTH ADMINISTRATION, ACGIH:AMERICAN CONFERENCE OF GOVERNMENTAL
INDUSTRIAL HYGIENISTS, TLV:THRESHOLD LIMIT VALUE, PEL:PERMISSIBLE EXPOSURE
LEVEL, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE,
MUT:MUTAGENIC, ASPHYX:ASPHYXIAN, PNOC: PARTICULATES NOT OTHERWISE CLASSI-
FIED

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