

**MATERIAL SAFETY DATA SHEET: PRINTER'S PICK AEROSOL**

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DATE OF ISSUE  
2/20/2002SUPERSEDES  
5/07/1997**SECTION I - GENERAL INFORMATION**Chemical Name & Synonyms  
N/ATrade Name & Synonyms  
PRINTER'S PICK AEROSOLChemical Family:  
PETROLEUM DISTILLATES

Formula Mixture --&gt; X

Manufacturer's Name:  
CHEMSEARCH DIV. OF NCH CORP.Address:  
BOX 152170  
IRVING, TX 75015Prepared By:  
L Boynton/ChemistProduct Code Number  
5620Emergency Phone Number:  
800-424-9300**SECTION II - HAZARDOUS INGREDIENTS**

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Chemical Name (Ingredients)	Hazard	TLV	PEL	STEL	CAS #
SOLVENT NAPHTHA (PETROLEUM) LIGHT ALIPHATIC	IRR/FLAM	100PPMS 1.	500PPMS 2.	N/E	64742-89-8
PROPANE	ASPHY/FLAM	2500PPM 1.	1000PPM 2.	N/E	74-98-6
ISOBUTANE	ASPHY/FLAM	N/E 1.	N/E 2.	N/E	75-28-5

\$ STODDARD SOLVENT VALUES

**SECTION III - PHYSICAL DATA**

Boiling Point (F):	245-300°	Specific Gravity (H2O=1):	0.75-0.77
Vapor Pressure (MM HG):	40	Color:	OFF-WHITE
Vapor Density (Air=1):	4	Odor:	NAPHTHA
PH @ 100% :	4	Clarity:	HAZY
% Volatile by Volume:	90	Evaporation Rate (BU A/C=1):	>1
H2O Solubility:	NEGLIGABLE	Viscosity:	NON-VISCOUS

**SECTION IV - FIRE AND EXPLOSION HAZARD**

Flash Point 73°F / SETAFLASH	Flammable Limits PRODUCT MIXTURE	LEL 1%	UEL 9.5%
Extinguishing Media X ---Foam    ---Alcohol Foam    X ---CO2    X ---Dry Chemical    X ---Water Spray    ---Other			
Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. EXTINGUISHING MEDIA SHOULD BE CHOSEN BASED ON THE NATURE OF THE SURROUNDING FIRE.			
Unusual Fire and Explosion Hazards: FLAME EXTENSION IS 30+ INCHES; BURNBACK IS 6 INCHES. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING. PRODUCT MAY PRODUCE A FLOATING FIRE HAZARD AS LIQUID FLOATS ON WATER. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTANT SOURCES OF IGNITION AND FLASHBACK.			
Aerosol Level (NFPA 30B): 3			
NFPA 704 Hazard Rating (0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme) 1 ---Health    4 ---Flammability    0 ---Reactivity    ---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: MAY CAUSE IRRITATION SEEN AS REDNESS AND TEARING.

SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING AND REDNESS. PROLONGED OR REPEATED CONTACT MAY CAUSE DEPATting AND DRYING OF THE SKIN.

INHALATION: VAPORS MAY CAUSE RESPIRATORY IRRITATION SEEN AS COUGHING AND SNEEZING. AT HIGH VAPOR CONCENTRATIONS,

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**SECTION V - HEALTH HAZARD DATA (Continued)**

INHALATION MAY CAUSE HEADACHE, DIZZINESS, DROWSINESS, WEAKNESS, LIGHT-HEADEDNESS, LOSS OF COORDINATION, PERIPHERAL NUMBNESS, PULMONARY IRRITATION AND NAUSEA WITH POSSIBLE ANESTHETIC EFFECTS FROM CENTRAL NERVOUS SYSTEM DEPRESSION LEADING TO UNCONSCIOUSNESS AND DEATH.  
INGESTION: MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA. 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. MAY CAUSE CHEMICAL PNEUMONITIS WHICH CAN CAUSE DAMAGE AND MAY BE FATAL.

**-Chronic (Long Term Exposure)**

ON RARE OCCASIONS, PROLONGED AND REPEATED EXPOSURE TO DIL MIST POSES A RISK OF CHRONIC LUNG INFLAMMATION. THIS CONDITION IS USUALLY ASYMPTOMATIC AS A RESULT OF REPEATED SMALL ASPIRATIONS. SHORTNESS OF BREATH AND COUGHING ARE THE MOST COMMON SYMPTOMS. ASPIRATION MAY LEAD TO PULMONARY EDEMA AND HEMORRHAGE AND MAY BE FATAL. SIGNS OF LUNG INVOLVEMENT INCLUDE INCREASED RESPIRATION AND HEART RATES AS WELL AS A BLuish DISCOLORATION OF THE SKIN. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA AND DERMATITIS.

TARGET ORGANS: CENTRAL AND PERIPHERAL NERVOUS SYSTEMS AND LUNGS.

Primary Routes of Entry: X ☒ --Inhalation ☐ --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 DAMAGE AND MAY BE FATAL. DEPENDING ON THE AMOUNT INGESTED AND RETAINED AS WELL AS THE TOXICITY OF THE PRODUCT, GASTRIC LAVAGE SHOULD BE CONSIDERED. KEEP PATIENT'S HEAD BELOW RIPS TO PREVENT PULMONARY ASPIRATION. IF COMATOSE, A CUFFED ENDOTRACHEAL TUBE WILL PREVENT ASPIRATION.

**SECTION VI - TOXICITY INFORMATION**

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC--> No NTP--> No OSHA--> No ACGIH--> No OTHER--> No

SOLVENT NAPHTHA (PETROLEUM) LIGHT ALIPHATIC

ORL-RAT LD50: >5840 MG/KG 3.

SKN-RAT LD50: >2920 MG/KG 3.

SKN-RBT: 4HR; SLIGHT IRRITATION 3.

EYE-RBT: NEGLIGIBLE IRRITATION 3.

INH-RAT LC50: 3400 PPM 3.

KIDNEY EFFECTS IN MALE RATS WERE OBSERVED IN LABORATORY ANIMALS EXPOSED TO A SIMILAR MATERIAL. EFFECTS WERE CONSISTENT WITH MALE RATS HYALINE DROPLET NEPHROPATHY WHICH IS OF QUESTIONABLE SIGNIFICANCE TO HUMAN HEALTH. IN ANIMALS, REPEATED EXPOSURE TO HIGH CONCENTRATIONS OF A SIMILAR SOLVENT HAS CAUSED A DECREASE IN THE RED BLOOD CELL COUNT. 3.

PROPANE

NO TOXICITY DATA AVAILABLE

ISOBUTANE

INH-RAT LC50: 57 PPM/15M 4.

NO APPARENT ILL EFFECTS IN BREATHING CONCENTRATIONS OF 5% FOR 2 HOURS. 3.

CAUSES DROWSINESS IN SHORT TIME IN CONCENTRATIONS OF 1%. 3.

**SECTION VII - REACTIVITY DATA**

Stability: X ☒ --Stable ☐ --Unstable

Conditions to Avoid:

AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAME.

Incompatibility (Materials to Avoid):

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

Hazardous Decomposition Products:

OXIDES OF CARBON; ALDEHYDES AND KETONES.

Hazardous Polymerization:

☐ --May Occur X ☒ --Will Not Occur

Conditions to Avoid:

N/A

**SECTION VIII - SPILL OR LEAK PROCEDURES**

Steps to be Taken if Material is Released or Spilled:

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**SECTION VIII - SPILL OR LEAK PROCEDURES (Continued)**

ELIMINATE ALL SOURCES OF IGNITION. WEAR APPROPRIATE PROTECTIVE CLOTHING. 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.

**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:**

N/A

**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 IF THE METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT.

**Other Protection:**

WEAR GENERAL-DUTY WORK CLOTHES AND SHOES. A SAFETY SHOWER AND AN EYEWASH STATION SHOULD BE AVAILABLE.

**SECTION X - STORAGE AND HANDLING INFORMATION**

Storage Temperature: Indoors--> X

Outdoors--&gt;

Heated--&gt;

Refrigerated--&gt;

Minimum Temperature: 20°F. Maximum Temperature: 120°F.

**Precautions to be Taken in Handling and Storing:**

EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES WHICH MAY EXHIBIT THE HAZARDS OF THE PRODUCT. DO NOT PRESSURIZE, CUT, MELD, SOLDER, DRILL, GRIND OR EXPOSE EMPTY CONTAINERS TO HEAT, HOT SURFACES, SPARKS OR OPEN FLAME TO AVOID POSSIBLE EXPLOSION.

**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**

None

**CAS Number****Upper & Limit**

Those ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer.

This MSDS is not intended for users in the state of California.

**SECTION XII - REFERENCES**

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 2001.
  2. OSHA PEL.
  3. VENDOR'S MSDS.
  4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, CCINPOdisc, 2001.
- ALL COMPONENTS IN THIS PRODUCT CAN BE FOUND IN THE CURRENT TSCA INVENTORY.

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 CLOSED CUP, 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 LIMIT, STEL:SHORT-TERM EXPOSURE LIMIT, MLD:MILD, MOD:MODERATE, SEV:SEVERE, MUT:MUTAGENIC, ASPHY:ASPHYXIAN, PNOS:PARTICULATES (INSOLUBLE) NOT OTHERWISE SPECIFIED, SDT:STANDARD DRAIZE TEST, ORL:ORAL, IHL:INHALATION, HMN:HUMAN

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