MATERIAL SAFETY DATA SHEET: AEROLEX PLUS AEROSOL

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS: N/A

TRADE NAME & SYNONYMS: AEROLEX PLUS AEROSOL

CHEMICAL FAMILY: ALCOHOL MIXTURE

FORMULA: X -- MIXTURE

MANUFACTURER'S NAME: CHEMSEARCH DIV. OF NICH CORP.

ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE):
BOX 152170
IRVING, TX
75015

PREPARED BY: B. MALKEY/ CHEMIST

PRODUCT CODE NUMBER: 543B

EMERGENCY TELEPHONE NUMBER: 972-438-1381

SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME (INGREDIENTS)</th>
<th>HAZARD</th>
<th>TLV</th>
<th>PEL</th>
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<tbody>
<tr>
<td>15ISO PROPANOL</td>
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<td></td>
</tr>
<tr>
<td>HAZARD</td>
<td></td>
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<tr>
<td>FLAM/IRR</td>
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<td></td>
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<tr>
<td>CAS#</td>
<td>97-69-0</td>
<td>400PPM</td>
<td>400PPM</td>
</tr>
<tr>
<td>STEL (TWA)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FLAM/IRR</td>
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<td>FLAM/IRR</td>
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<td>CAS#</td>
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SECTION III - PHYSICAL DATA

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<tr>
<th>BOILING PT. (F)</th>
<th>SPEC. GRAVITY (H2O=1)</th>
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<tr>
<td>180</td>
<td>0.817</td>
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<table>
<thead>
<tr>
<th>VAPOR PR. (MM Hg)</th>
<th>COLOR</th>
<th>VAPOR DENSITY</th>
<th>PH. @ 100%</th>
<th>% VOLATILE BY VOL</th>
<th>H2O SOLUBILITY</th>
<th>VISCOSITY</th>
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<tbody>
<tr>
<td>33</td>
<td>GRAY</td>
<td>2.07</td>
<td>N/A</td>
<td>94</td>
<td>NON-VISCOUS</td>
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SECTION IV - FIRE AND EXPLOSION HAZARD

<table>
<thead>
<tr>
<th>FLASH POINT:</th>
<th>FLAMMABLE LIMITS</th>
<th>LEL</th>
<th>UEL</th>
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<tbody>
<tr>
<td>47°F</td>
<td>15ISO PROPANOL</td>
<td>2.0</td>
<td>12.7</td>
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<table>
<thead>
<tr>
<th>EXTINGUISHING MEDIA</th>
<th>DRY</th>
<th>WATER</th>
<th>--CO2</th>
<th>--CHEMICAL</th>
<th>--SPRAY</th>
<th>--OTHER</th>
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<tbody>
<tr>
<td>&quot;ALCOHOL&quot;</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

SPECIAL FIRE FIGHTING PROCEDURES

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR

UNUSUAL FIRE AND EXPLOSION HAZARDS:

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO DISTANT SOURCES OF IGNITION AND FLASHBACK. USE WATER TO COOL FIRE EXPOSED CONTAINERS TO PREVENT RISING FLAME EXTENSION >36 INCHES. BURNBACK 5 INCHES.

NFPA HAZARD RATING:

(0=INSIGNIFICANT; 1=SLIGHT; 2=Moderate; 3=HIGH; 4=EXTREME).

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 IRRITATION SEEN AS ITCHING, REDNESS, BLURRED VISION  
AND A BURNING SENSATION.  
SKIN CONTACT: MAY CAUSE IRRITATION SEEN AS ITCHING, REDNESS AND PROLONGED  
CONTACT CAN CAUSE DERMATITIS. THE PRODUCT MAY BE ABSORBED THROUGH THE SKIN  
AND HARMFUL EFFECTS ARE NOT EXPECTED.  
INHALATION: MAY CAUSE HEADACHE, DIZZINESS AND NAUSEA. EXCESSIVE  
INHALATION MAY CAUSE UNCONSCIOUSNESS, LOW BLOOD PRESSURE AND REVERSIBLE LIVER EFFECTS  
AND KIDNEY DAMAGE.  
CHRONIC - (LONG TERM EXPOSURE)  
NO CHRONIC DATA AVAILABLE.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING RESPIRATORY  
AND SKIN CONDITIONS SUCH AS ASTHMA, EMPHYSEMA, AND DERMATITIS.  
TARGET ORGANS: LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM, HEART, SPLEEN AND  
LUNGS.  

PRIMARY ROUTE OF ENTRY: X<--- INHALATION <-- INGESTION <-- ABSORPTION  
EMERGENCY & 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. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.  
NOTES TO PHYSICIAN:  
THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.  

SECTION VI - TOXICITY INFORMATION  
PRODUCT CONTAINS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY:  
IARC <--YES NTP <--YES OSHA <--YES ACGIH <--YES OTHER X<--YES  

SECTION VII - REACTIVITY DATA  
STABILITY: X <--STABLE <--UNSTABLE | CONDITIONS TO AVOID  
AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAMES.  
INCOMPATIBILITY: (MATERIALS TO AVOID):  
OXIDIZING AGENTS SUCH AS CHLORINE BLEACH AND HYDROGEN PEROXIDE,  
AND HYDROXYACETALDEHYDE AND ISOCYANATE.  
HAZARDOUS DECOMPOSITION PRODUCTS  
OXIDES OF CARBON.
MATERIAL SAFETY DATA SHEET: AEROLEX PLUS AEROSOL

(Continued) - SECTION VII - REACTIVITY DATA

<table>
<thead>
<tr>
<th>HAZARDOUS POLYMERIZATION</th>
<th>WILL NOT OCCUR</th>
<th>MAY OCCUR</th>
<th>CONDITIONS TO AVOID</th>
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</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
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</tr>
</tbody>
</table>

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.

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.

NEUTRALIZING AGENT:
NONE KNOWN.

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION:
GENERAL VENTILATION IS NORMAL AND SUFFICIENT.

RESPIRATORY PROTECTION:
NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.
A NIOSH/MSHA APPROVED RESPIRATOR IS SUGGESTED IN POORLY VENTILATED AREAS OR WHERE
MISTING EXIST.

MATERIAL SAFETY DATA SHEET: AEROLEX PLUS AEROSOL

(Continued) - SECTION IX - SPECIAL PROTECTION INFORMATION

GLOVE PROTECTION:
NEOPRENE RUBBER GLOVES IF REPEATED OR PROLONGED
CONTACT IS LIKELY.

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

OTHER PROTECTION:
NONE UNDER NORMAL CONDITIONS OF USE.

SECTION X - STORAGE AND HANDLING INFORMATION

<table>
<thead>
<tr>
<th>STORAGE TEMPERATURE</th>
<th>INDOOR</th>
<th>HEATED</th>
<th>REFRIGERATED</th>
<th>OUTDOOR</th>
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</thead>
<tbody>
<tr>
<td>MAX: 120°F MIN: 0°F</td>
<td>X</td>
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</table>

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:
AVOID HEAT, HOT SURFACES, SPARKS OR OPEN FLAME.
WASH THOROUGHLY AFTER HANDLING. USE ONLY WITH
ADEQUATE VENTILATION.

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: C.A.S NUMBER: UPPER % LIMIT
N/A

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. IF USE EXEMPTION APPEARS UNDER UPPER % LIMIT, END USERS ARE EXEMPT FROM NOTIFICATION BECAUSE THE PRODUCT IS USED AND LABELED FOR ROUTINE JANITORIAL WORK OR THE PRODUCT IS USED AND LABELED FOR FACILITY GROUNDS MAINTENANCE (SUCH AS FERTILIZERS AND HERBICIDES), OR THE PRODUCT IS USED AND LABELED FOR MAINTAINING MOTOR VEHICLES.

CALIFORNIA PROPOSITION 65
WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE (1) CANCER OR (2) BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

SECTION XII - TRANSPORTATION *(FOR FUTURE USE)*

<table>
<thead>
<tr>
<th>LABELS</th>
<th>UNIT CONTAINER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT SPNS CONTAINER</td>
<td>NET EXPLOSIVE WT.</td>
</tr>
<tr>
<td>AEROSOL PROPELLANT(S)</td>
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</table>

SECTION XIII - REFERENCES

2. OSHA PEL.
3. SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, EIGHTH EDITION, RICHARD J. LEWIS, SR.
4. VENDOR'S MSDS.


* SHORT TERM EXPOSURE LIMIT (TWA) LISTED AS FINAL RULE LIMITS PUBLISHED IN THE FEDERAL REGISTER/VOL. 54 NO. 12 1-19-89

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