

MATERIAL SAFETY DATA SHEET

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SECTION 1: MATERIAL IDENTIFICATION
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PRODUCT: OAK 7A

MANUFACTURER:
OAK INTERNATIONAL, INC.
1160 WHITE STREET
STURGIS, MI 49091 USA
PH. (616) 651-9790
FAX (616) 651-7849

FORMULA: TRADE SECRET
CHEMICAL FAMILY: PETROLEUM HYDROCARBON
DOT CLASS: 65
DATE: 8/95 (REV)

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SECTION 2: INGREDIENTS: SARA TITLE III
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| <u>INGREDIENT</u> | <u>CAS NUMBER</u> | <u>%</u> | <u>TLV</u> |
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| HYDROTREATED NAPHTHENIC OIL | 64742-57-2 | < 99 | 5MG/M ³ (MISTED) |

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SECTION 3: PHYSICAL DATA
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| BOILING RANGE: > 500 | DÉGREES (F) | COLOR: AMBER |
| PERCENT VOLATILE: N/A | | APPEARANCE: CLEAR, LIQUID |
| SOLUBILITY IN WATER: INSOLUBLE | | ODOR: CHARACTERISTIC |
| REACTIVITY IN WATER: NON-REACTIVE | | SPECIFIC GRAVITY: 0.887 |
| VAPOR PRESSURE: N/A | | EVAPORATION RATE: N/A (WATER=1) |

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SECTION 4: FIRE AND EXPLOSION DATA
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FLASH POINT: 235 DEGREES (F)

FLAMMABILITY LIMITS IN AIR: N/A

AUTO IGNITION TEMPERATURE: NO INFORMATION FOUND

EXTINGUISHING MEDIA: CO₂, DRY CHEMICAL, FOAM

SPECIAL FIRE FIGHTING PROCEDURES:
TREAT AS AN OIL FIRE. THE USE OF SELF-CONTAINED BREATHING APPARATUS IS
RECOMMENDED. WATER MAY BE AN UNSUITABLE EXTINGUISHING MEDIA, BUT MAY PROVE
USEFUL IN KEEPING SURROUNDING CONTAINERS COOL.

UNUSUAL FIRE FIGHTING HAZARDS:
KEEP AWAY FROM OPEN FLAMES, EXCESSIVE HEAT AND OTHER IGNITION SOURCES.

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SECTION 5: PHYSICAL HAZARDS
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STABILITY: STABLE

INCOMPATIBILITY: STRONG OXIDIZING AND REDUCING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON AND HYDROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION 6: HEALTH HAZARDS
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ROUTES OF ENTRY: SKIN CONTACT, INHALATION OF MISTS

LISTED AS A CARCINOGEN: OSHA: NO
NATIONAL TOXICOLOGY PROGRAM: NO
I.A.R.C. MONOGRAPHS: NO

SIGNS AND SYMPTOMS

SKIN: MAY CAUSE DERMATITIS ON SENSITIVE SKIN, AND MAY ALSO AGGRAVATE AN EXISTING CASE OF DERMATITIS.

EYES: VAPOR CONCENTRATIONS MAY BE IRRITATING TO THE EYES, HOWEVER, PRODUCT MAY CAUSE REDDENING WITH CONTACT, PRODUCT WILL NOT DAMAGE EYE TISSUE.

INGESTION: COULD CAUSE GASTROINTESTINAL DISCOMFORT IF SWALLOWED. HOWEVER, PRODUCT IS NOT TOXIC.

INHALATION: HIGH VAPOR CONCENTRATIONS (AS OUTLINED IN SECTION 2) ARE IRRITATING TO THE EYES AND RESPIRATORY SYSTEM. IT MAY CAUSE HEADACHES, DIZZINESS, DROWSINESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

===== SECTION 7: EMERGENCY AND FIRST AID PROCEDURES =====

INHALATION: REMOVE TO FRESH AIR IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN IF NECESSARY. START CPR IF BREATHING HAS COMPLETELY STOPPED. CONSULT A PHYSICIAN IMMEDIATELY.

EYES: FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION CONTINUES.

SKIN: WASH WITH SOAP AND WATER, RINSE WELL. REMOVE ALL CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. IF IRRITATION CONTINUES, CONSULT A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING, USE STOMACH PUMP AND SEEK MEDICAL ATTENTION.

===== SECTION 8: SPECIAL PROTECTION PRECAUTIONS =====

RESPIRATORY: NORMALLY NOTHING NEEDED IN TYPICAL APPLICATIONS. IF PRODUCT IS MISTED AND CONCENTRATIONS EXCEED THE LIMITS GIVEN, USE NIOSHA/MSHA APPROVED RESPIRATOR.

VENTILATION: LOCAL EXHAUST SUFFICIENT, UNLESS USED IN CONFINED SPACE, THAN DILUTION VENTILATION MAY BE NECESSARY.

PROTECTIVE CLOTHING: OIL RESISTANT GLOVES, SAFETY GLASSES OR GOGGLES, LONG SLEEVES CHEMICAL APRON IF SPLASHING OCCURS.

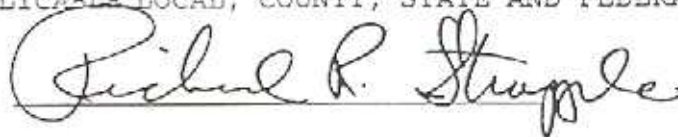
===== SECTION 9: ENVIRONMENTAL PROTECTION PROCEDURES =====

STORAGE AND HANDLING: STORE AWAY FROM OPEN FLAMES AND EXCESSIVE HEAT. KEEP FROM FREEZING.

IF SPILL OCCURS: CONTAIN LARGE SPILL FOR RECLAMATION, ABSORB INTO INERT MATERIAL, SWEEP UP, WASH AREA WITH SUITABLE CLEANER.

WASTE DISPOSAL: REMOVE BY LICENSED WASTE HAULER FOR RECLAMATION OR DISPOSAL IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

PREPARED BY: RICHARD R. STRAPPLE



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