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MATERIAL SAFETY DATA SHEET

MANUFACTURER: K & K Chemical Co.
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ADDRESS: 1303 Industrial Drive, Royse City, TX 75189

PRODUCT: NUZONE™ MSDS Prepared By: J. Austin Maglothin, Ph.D.
PART NUMBER(S): Z-300: Orange; Z-301: Cherry Revision Date: April 3, 2010

SECTION I - GENERAL

Chemical Name & Synonym: Not Applicable
Trade Name & Synonyms: NUZONE™
Chemical Family: Petroleum hydrocarbon solution
Formula: Trade Secret

SECTION II - HAZARDOUS INGREDIENTS

Petroleum hydrocarbons CAS No. 64742-47-8

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): 223 to 251
Vapor Pressure (MM Hg @ 20°C): 1
Vapor Density (Air = 1): 6.5
Specific Gravity (H₂O = 1): 0.807
% Volatile by Volume: Not Determined
Evaporation Rate (H₂O = 1): Not Determined
Solubility in Water: Less than 0.1% at 20°C
Appearance and Odor: Clear fluid with odor as named
Others: None

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits (% at 25°C)
- LEL: 0.6
- UEL: 7.0
Flash Point (Method Used): 56°C: Orange; 71°C: Cherry (TCC)
Extinguishing Media: Foam, dry chemical or water spray
Special Fire Fighting Procedures: Use water spray to cool fire exposed surfaces and to protect personnel
Unusual Fire & Explosion Hazards: Combustible liquid - can form combustible mixtures at temperatures at or above flashpoint. Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not expose such containers to heat, flame, sparks static electricity or other sources of ignition: THEY MAY EXPLODE and cause injury or death.

SECTION V - HEALTH HAZARD DATA

Route of Entry: Eye contact, skin contact, inhalation, ingestion
Carcinogenic Assessment: Not listed
Threshold Limit Value: 300ppm
Effects of Overexposure: Eye contact: Slightly irritating but does not damage eye tissue
Skin contact: May irritate and cause dermatitis
Inhalation: Irritant; high vapor concentrations may cause headaches and dizziness, are anaesthetic and may have other central nervous system effects
Ingestion: Minimal toxicity. Aspiration of liquid during ingestion or vomiting may cause bronchiopneumonia or pulmonary edema.
Emergency & First Aid Procedures: Eye contact: Flush with water. Get medical attention if irritation persists.
Skin contact: Flush with water. Get medical attention if irritation persists.
Inhalation: Remove to fresh air. Administer artificial respiration if breathing has stopped.
Ingestion: DO NOT INDUCE VOMITING. Keep at rest. Get prompt medical attention.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION VII - SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Prevent liquid from entering sewers, watercourses or low areas. Absorb with inert material. Consult an expert on disposal of recovered material.
Clean smooth floors thoroughly with soap and water to eliminate slipping hazard.
Waste Disposal Method: Incinerate. Dispose of empty container in an authorized landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None in normal use
Ventilation: Normal ventilation is adequate
Protective Gloves: None required
Eye Protection: Safety glasses are recommended
Other Protective Equipment: None required

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store in original containers for up to one year. Keep closed when not in use. Protect from extreme heat and cold.
Other Precautions: KEEP OUT OF REACH OF CHILDREN. Read and follow label directions. Avoid spray accumulation on floors, stairs or other flat surfaces which might be hazardous when slippery. Do not spray where passersby will encounter mist cloud.
DOT Hazard Classification: Not Regulated.