Material Safety Data Sheet

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Date: June 2002

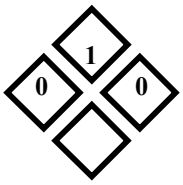
Section One: General Information

Product Code: **070XX** Product Name: **IVS 97**

NFPA DIAMOND

FLAMMABILITY

HEALTH HAZARD



REACTIVITY

SPECIAL

CAS NUMBER: 64742-65-0
CHEMICAL FORMULA: (CH2) n 25=< N =< 45
GENERIC NAME: Petroleum Lubricating Oil
TRADE NAMES & SYNONYMS: Stokes V-Lube Label H

SECTION TWO: REGULATED INGREDIENTS (29 CFR 1910 . 1200)

REGULATED MATERIALS AT CONCENTRATIONS OF 1% (WT) OR GREATER NO HAZARDOUS INGREDIENTS. MATERIAL IS 100% NEUTRAL PARAFFINIC OIL.

SECTION THREE: HEALTH HAZARDS

POSSIBLE ENTRY ROUTES: Ingestion, Inhalation of oil mists

TARGET ORGANS: None known

EFFECTS OF EXPOSURE

ACUTE EFFECTS: Exposure to oils mists may cause nausea and eye irritation. Repeated or prolonged skin contact may remove skin oils possibly leading to irritation or dermatitis.

CHRONIC EFFECTS: Unknown

FIRST AID PROCEDURES: Skin – wash with soap and water. Eyes – flush with water. Contact a physician! Ingestion – give liquids and induce vomiting if victim is conscious. Contact a physician! Small amounts in mouth may be washed out.

REFERENCES: None

SECTION FOUR: FIRE AND EXPLOSION DATA

FLASH POINT: 235 C **METHOD USED:** Cleveland Open Cup
EXPLOSIVE LIMITS: Lower - .9%
Upper - 7%
EXTINGUISING MEDIA: Water Fog, Chemical Foam or Carbon Dioxide
SPECIAL FIREFIGHTING PROCEDURES: Wear breathing gear when fighting fires in enclose spaces; incomplete combustion of this material produces carbon monoxide!
USUAL FIRE AND/OR EXPLOSION HAZARDS: None

SECTION FIVE: PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
VAPOR PRESSURE: < .01 Torr @ 25 **BOILING POINT:** > 200 C
EVAPORATION RATE (other = 1): <. 01
VAPOR DENSITY: >5 **WT % VOLATILES:** Nil
SPECIFIC GRAVITY: .88 gm/ml **VISCOSITY:** 207cst @ 40 C
SOLUBILITY IN WATER: Nil
APPEARANCE: Clear Orange liquid with a mild petroleum odor.

SECTION SIX: REACTIVITY

STABILITY: Material is stable
CONDITIONS TO AVOID: Continuous exposure to temperatures > 200 C
INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide

SECTION SEVEN: RELEASE PROCEDURES

PROCEDURES TO BE FOLLOWED IN EVENT OF RELEASE: Small spills may be wiped up with a rag. Large spills should be picked up immediately with an absorbent. If product enters watercourses, sewers or extensive land areas, conform to applicable government regulations.
PROCEDURES FOR PROPER WASTE DISPOSAL: Proper waste disposal procedures are dependent on the product's endues. Check applicable Federal, State and Local regulations covering treatment, storage and disposal of your effluents.

SECTION EIGHT: SPECIAL PROTECTION

REPIRATORY PROTECTION: See ventilation notes
PROTECTIVE GLOVES: Yes-made of oil impermeable rubber
SAFETY GLASSES/GOGGLES: Yes – with side shields
OTHER PROTECTIVE EQUIPMENT: Use oil impervious apron
If clothing contamination will result in prolonged skin contact

VENTILATION: US Govt. 8 hr TWA limit for exposure to all oil mists in 5 mg pr cubic feet
LOCAL EXHAUST: required to meet above limit
MECHANICAL EXHAUST: same as above
OTHER REQUIREMENTS: none

SECTION NINE: SPECIAL PROTECTION

SPECIAL HANDLING PRECAUTIONS: Keep containers closed when not in use.
SPECIAL STORAGE PRECAUTIONS: Do not store near heat, sparks, flames, or strong oxidants.
ADDITIONAL NFORMATION: NFPA Class III B material