Material Safety Data Sheet

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Section One: General Information

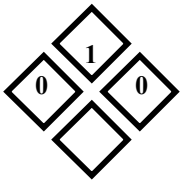
Product Code: **400500**

Product Name: **IVS 77**

NFPA DIAMOND

FLAMMABILITY

HEALTH HAZARD



REACTIVITY

SPECIAL

CAS NUMBER: 64742-65-0
CHEMICAL FORMULA: (CH2) n 20=< N =< 40
GENERIC NAME: Solvent Refined Neutral Paraffinic Oil

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. MATERIAL HAS BEEN SUBJECT TO SEVERE SOLVENT REFINING.

SECTION THREE: HEALTH HAZARDS

POSSIBLE ENTRY ROUTES: Ingestion, Inhalation of oil mists

TRAGET ORGANS: None known

EFFECTS OF EXPOSURE

ACUTE EFFECTS: Exposure to oils mists may cause nausea and eye irritation. Detailed studies have not been made, but material is not expected to be dermatitic or sensitizer.

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: > 257 C **METHOD USED:** Cleveland Open Cup
EXPLOSIVE LIMITS: Lower - Unknown
Upper - Unknown
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: < .001 Torr @ 25
EVAPORATION RATE (other = 1): Nil
VAPOR DENSITY: approximately 14
SPECIFIC GRAVITY: .88 gm/ml
SOLUBILITY IN WATER: Nil
APPEARANCE: Pale yellow

BOILING POINT: > 200 C

WT % VOLATILES: Nil
VISCOSITY: 97 cst @ 40 C

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 water courses, sewers or extensive land areas, conform with 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: None should be required Under normal use

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: Used oil from vacuum pump is hot. Avoid skin contact.
SPECIAL STORAGE PRECAUTIONS: None
ADDITIONAL NFORMATION: NFPA Class III B material