



# Plus DUO

## Material Safety Data Sheet

Revision Date January 2006

For Chemical Emergency Call Chemtrec 800-424-9300

### 1. Substance/Company Identification

PRODUCT NAME: **PLUS DUO**  
CAS NUMBER: 64742-65-0  
MANUFACTURER: Inland Vacuum Industries  
Churchville NY 14428  
(585) 293-3330

### 2. Composition/ Ingredients

GENERIC NAME: 100% Solvent refined Neutral paraffinic oil  
CHEMICAL FORMULA:  $(CH_2)_n$  20  $\leq n \leq$  40  
HAZARDOUS INGREDIENTS: None

### 3. Hazards Identification

POSSIBLE ENTRY ROUTES: Ingestion, inhalation of oil mists  
This product is not classified as hazardous.  
ACUTE EFFECTS: repeated/prolonged skin contact may cause dermatitis and defatting  
CHRONIC EFFECTS: Unknown.

### 4. First Aid Measures

SKIN: Wash with soap and water.  
EYES: Flush with water. Contact a physician!  
INGESTION: If swallowed, do not induce vomiting.  
Contact a physician. Small amounts in mouth may be washed out.

### 5. Fire Fighting Measures

FLASH POINT:  $>230$  C  
METHOD USED: Cleveland Open Cup  
EXPLOSIVE LIMITS LOWER: Unknown UPPER: Unknown  
EXTINGUISHING MEDIA: Water fog, chemical foam or carbon dioxide. NFPA Class III B Material.  
SPECIAL FIREFIGHTING PROCEDURES: Wear breathing gear when fighting fires in enclosed spaces; incomplete combustion of this material produces carbon monoxide!  
UNUSUAL FIRE AND/OR EXPLOSION HAZARDS: None

### 6. Accidental Release Measures

PROCEDURE 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.

### 7. Handling and Storage

HANDLING: None known  
STORAGE: None known

### 8. Exposure Controls/Personal Protection

ENGINEERING CONTROL MEASURES: None required  
RESPIRATORY PROTECTION: See notes on ventilation below.  
PROTECTIVE GLOVES: Yes - made of oil-impermeable rubber  
SAFETY GLASSES/GOGGLES: Yes - glasses should have side shields  
OTHER PROTECTIVE EQUIPMENT: None should be required under normal use.

### 9. Physical & Chemical Properties

PHYSICAL STATE: Liquid  
VAPOR PRESSURE:  $< .0001$  Torr @ 25C  
BOILING POINT:  $>95$  C  
EVAPORATION RATE (ether = 1): Nil  
VAPOR DENSITY: approximately 14

WT % VOLATILES: Nil  
 SPECIFIC GRAVITY: 0.88  
 VISCOSITY: 68 cst @ 40 C  
 SOLUBILITY IN WATER: Nil  
 APPEARANCE: Pale yellow viscous liquid with a faint petroleum odor.

**10. Stability & Reactivity**

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

**11. Toxicological Information**

ACUTE ORAL LD50(MG/KG): None known  
 ACUTE DERMAL LD50: None  
 ACUTE INHALATION: US Gov't 8 hr TWA limit for exposure to oil mists is 5 mg per cubic meter

**12. Ecological Information**

ENVIRONMENTAL: When used and/or disposed of as indicated, no adverse environmental effects are foreseen.  
 MOBILITY: Non-volatile and insoluble in water.  
 DEGRADABILITY: Slowly biodegradable in aerobic conditions.

**13. Disposal Considerations**

Product and packaging must be disposed of in accordance with Federal, State and local regulations.

**14. Transport Classification**

DOT  
 Proper shipping name: not regulated  
 Hazard class: not regulated  
 ID Number: not regulated  
 Packing Group: N/A  
 Special Information: N/A  
 IMO  
 Proper shipping name: not regulated  
 Hazard class: not regulated  
 Packing Group: N/A  
 Special Information: N/A  
 IMO Label: N/A  
 Shipping Containers: N/A

**15. Regulatory Information**

TSCA: this material is in compliance with the Toxic Substances Control Act and is listed in the TSCA inventory.

Hazard Categories for SARA 311/312 Reporting:

Health	Immediate (Acute)	No
Health	Delayed (Chronic)	No
Physical	Fire	No
Physical	Sudden Release of Pressure	No
Physical	Reactive	No
Physical	Nuisance mist/dust only	No

01= SARA313	11=NJRTK	20=TSCA Sect 5a2
02=MASSRTK	12=CERCLA 302.4	21=TSCA Sect. 6
03=NTP Carcinogen	13=MN RTK	22=TSCA Sect 12b
04=CA prop 65-carcin	14=ACGIM TWA	23=TSCA Sect 8a
05=CA prop 65-repro tox	15=ACGIM STEL	24=TSCA Sect 8d
06=IARC group 1	16=ACGIH calc tlv	25=TSCA Sect 4a
07=IARC group 2a	17=OSHA Pel	26=Canadian WHMIS
08=IARC group 2b	18=DOT Marine Pollutant	27=OSHA Ceiling
09=SARA 302/304	19=EPA Carcinogen	

10=PA RTK

The following components of this material are found on the regulatory lists indicated.

Distillates, hydrotreated light paraffinic is found on lists 14, 15 and 17.  
NJ RTK classification: Petroleum Oil

**16. Other Information**

**NFPA RATING**

FLAMMABILITY	1
HEALTH HAZARD	0
REACTIVITY	0
SPECIAL HAZARD	NONE