

WELCH VACUUM TECHNOLOGY, INC. -- 1407K DUOSEAL VACUUM PUMP OIL -- 9150-00-852-4660  
===== Product Identification =====

Product ID:1407K DUOSEAL VACUUM PUMP OIL

MSDS Date:08/29/1991

FSC:9150

NIIN:00-852-4660

MSDS Number: BFSSG

=== Responsible Party ===

Company Name:WELCH VACUUM TECHNOLOGY, INC.

Address:7300 N LINDER AVE

Box:183

City:SKOKIE

State:IL

ZIP:60076-0183

Country:US

Info Phone Num:312-267-53

00

Emergency Phone Num:708-676-8800/312-267-5300

CAGE:IO538

=== Contractor Identification ===

Company Name:SARGENT-WELCH SCIENTIFIC CO

Address:7300 N LINDER AVE

Box:1026

City:SKOKIE

State:IL

ZIP:60076

Country:US

Phone:312-267-5300

CAGE:64484

Company Name:SARGENT-WELCH SCIENTIFIC COMPANY

Address:7300 N LINDER AVE

Box:City:SKOKIE

State:IL

ZIP:60076-0183

Phone:(708) 676-8800 OR (312) 677-06

CAGE:0NCC5

Company Name:WELCH VACUUM TECHNOLOGY INC/THOMAS INDUSTRIES INC

Address:7300 NORTH LINDER AVE

Box:1

83  
City:SKOKIE  
State:IL  
ZIP:60076-0183  
Country:US  
Phone:708-676-8800 EXT. 1  
CAGE:IO538

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Composition/Information on Ingredients  
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Ingred Name:REFINED PETROLEUM OIL (DISTILLATES,SOLVENT-DEWAXED HEAVY  
PARAFFINIC)  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 100%

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Hazards Identification  
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LD50 LC50 Mixture:LC50 ORAL,RAT=5000MG/M3  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Health Hazards Acute and Chronic:I  
NHAL:BRONCHITIS OR PULMONARY IRRIT.  
MISTS ABOVE TLV MAY CAUSE CHEMICAL PNEUMONITIS. INGEST:INGEST LG  
AMTS (BETWEEN A PINT & QUART) CAN BE FATAL TO A 150LB ADULT HUMAN.  
EYE:IRRIT.  
Effects of Overexposure:INHAL:DROWSINESS, HEADACHE, NAUSEA, CHEMICAL  
PNEUMONITIS. BRONCHITIS OR PULMONARY IRRITATION. EYE:REDNESS,  
TEARING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:INHAL:REMOVE  
TO FRESH AIR. PROVIDE RESPIRATOR SUPPORT IN CASE  
OF DIFFICULTY IN BREATHING. SEEK MED AID. EYE:SUSTAINED FLUSHING  
W/FREE SOAP & WATER. SKIN:WASH THOROUGHLY W/SOAP & WATER. REMOVE  
CONTAMINATED CLOTHING. INGEST:IMMED SEEK MED AID. DO NOT ATTEMPT  
TO INDUCE VOMTING.

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Fire Fighting Measures  
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Flash Point:441F (228C),PMCC  
Autoignition Temp:Autoignition Temp Text:510F  
Extinguishing Media:CO\*2,DRY CHEMICAL,FOAM/H\*20 FOG.  
Fire Fighting Proced

ures:NONE

Unusual Fire/Explosion Hazard:H\*20 MAY CAUSE FROTHING.VERY HIGH MIST  
CONCENTRATION CAN RESULT IN FIRE + EXPLOSION HAZARD.

===== Accidental Release Measures =====

Spill Release Procedures:STOP ANY LEAKS. REMOVE SOURCES OF  
HEAT/IGNITION. PROVIDE ADEQUATE VENTILATION. SOAK UP SMALL SPILLS  
W/RAGS, SAND OR SPECIAL ABSORBENTS. WALL OFF LARGER SPILLS W/SAND  
OR SPECIAL ABSORBENT. PICK UP W/SUITABLE PUMP.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT POUR OR HANDLE IN PRESENCE OF  
AN OPEN FLAME OR HOT ELECTRICAL ELEMENT.

Other Precautions:WASH CONTAMINATED SKIN & CLOTHING THOROUGHLY WITH  
SOAP AND WATER AT THE FIRST OPPORTUNITY AND PRIOR TO REUSE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT USUALLY REQUIRED. IF HIGH VAPOR OR MIST  
CONCENTRATIONS ARE EXPECTED, USE RESPIRATOR APPROVED FOR ORGANIC  
VAPORS AND MISTS.

Ventilation:LOCAL EXHAUST WHEN WORK AREA EXCEEDS TLV.

Protective Gloves:OIL IMPERVIOUS

Eye Protection:SAFETY/CHEM SPLASH GOGGLES

Other Protective Equipment:BODY-COVERING WORK CLOTHES TO AVOID  
PRLNG/RPTD EXPOSURE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.REMOVE & LAUNDER  
CONTAMINATED CLOTHING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:750

F (399C)

Melt/Freeze Pt:M.P/F.P Text:N//K

Vapor Pres:0

Vapor Density:> 1

Spec Gravity:0.88

Evaporation Rate & Reference:< 1 (BUTYL AC)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS, AMBER LIQUID WITH A BLAND ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDANTS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CO,CO\*2

===== Disposal Considerations =====

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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