

Material Safety Data Sheet

SECTION I - Material Identity
 SECTION II - Manufacturer's Information
 SECTION III - Physical/Chemical Characteristics
 SECTION IV - Fire and Explosion Hazard Data
 SECTION V - Reactivity Data
 SECTION VI - Health Hazard Data
 SECTION VII - Precautions for Safe Handling and Use
 SECTION VIII - Control Measures
 SECTION IX - Label Data
 SECTION X - Transportation Data
 SECTION XI - Site Specific/Reporting Information
 SECTION XII - Ingredients/Identity Information

SECTION I - Material Identity

Item Name	
Part Number/Trade Name	1407K DUOSEAL VACUUM PUMP OIL TY II
National Stock Number	9150002738663
CAGE Code	64484
Part Number Indicator	A
MSDS Number	5693
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	WELCH VACUUM TECHNOLOGY (SARGENT-WELCH CO)
P.O. Box	1026
Street	7300 N LINDER AVE
City	SKOKIE
State	IL
Zip Code	60077-3217
Emergency Phone	312-267-5300
Information Phone	312-267-5300

MSDS Preparer's Information

Date MSDS Prepared/Revised	INTERIM
Date of Technical Review	14JAN87
Active Indicator	N

Alternate Vendors

Vendor #5 CAGE

BDSBP

SECTION III - Physical/Chemical Characteristics

Specification Number	MIL-L-83767
Hazard Storage Compatibility Code	F6-N1
NRC License Number	N/A
Net Propellant Weight (Ammo)	N/A
Appearance/Odor	VISCOUS, AMBER LIQUID, BLAND ODOR
Boiling Point	703F (373C)
Vapor Pressure	0
Vapor Density	> 1
Specific Gravity	0.87
Evaporation Rate	< 1 (BUTYL AC)
Solubility in Water	NEGLIGIBLE
Percent Volatiles by Volume	0
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point	435
Flash Point Method	COC
Lower Explosion Limit	N/A
Upper Explosion Limit	N/A
Extinguishing Media	USE WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER MAY CAUSE FROTHING
Special Fire Fighting Procedures	WEAR FIRE FIGHTING PROTECTIVE EQUIP & A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS W/WATER SPRAY
Unusual Fire/Explosion Hazards	COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS & VAPORS

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	HIGH HEAT, OPEN FLAMES & OTHER SOURCES OF IGNITION
Materials to Avoid	STRONG OXIDANTS
Hazardous Decomposition Products	CO, CO*2, ALDEHYDES & DEONTES & OTHER COMBUSTION

	PRODUCTS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NONE

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	EYES/SKIN: IRRITATION. AVOID BREATHING OF MIST. PROLONGED OVEREXPOSURE MAY RESULT IN DERMATITIS & RESPIRATORY DIFFICULTIES. ANIMAL STUDIES ALSO SHOW AN EFFECT ON THE KIDNEYS FOR EXPOSURE TO MATERIAL SIMILAR TO THIS AT HIGH TEMP, ASPIRATION INTO THE LUNGS ISS
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Symptoms of Overexposure	EYE: IRRIT. SKIN: IRRIT. PRLNG/RPTD CONT- DRY, CRACK/FOLLICULITIS. INHAL: ENCLS AREA/HOT VAP- (SEE SUPP DATA
Medical Cond. Aggravated by Exposure	PERSONS W/A HISTORY OF EYE, SKIN & RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE
Emergency/First Aid Procedures	EYE: FLUSH W/PLENTRY OF H*20 FOR @ LEAST 15 MIN. SEE MD IF NECESS. SKIN: WASH W/SOAP,

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	REMOVE SOURCES OF HEAT/IGNITION, PROVIDE ADEQUATE VENTILATION, CONTAIN LEAK. ABSORB SMALL SPILLS W/SUITABLE MATERIAL SUCH AS RAGS, STRAW/SAND. REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES
Waste Disposal Method	DISPOSE IAW FEDERAL, STATE & LOCAL REGULATIONS. RESPONSIBILITY OF USER TO DETERMINE IF MATERIAL IS HAZARDOUS WASTE AT TIME OF DISPOSAL
Other Precautions	STORE BELOW 120F. DO NOT APPLY HIGH HEAT/FLM TO CONTAINER. KEEP SEPARATE FROM STRONG OXIDIZING AGENTS. EMPTY CNTNR MAY CONTAIN PROD RESIDUE (FLAM/EXPLO)

SECTION VIII - Control Measures

Respiratory Protection	NIOSH/MSHA APPROVED RESPIRATOR FOR VAP/MIST IF HIGH CONC
Ventilation	VENTILATION IS REQUIRED
Protective Gloves	OIL IMPERVIOUS
Eye Protection	SFTY/CHEM SPLASH GOGGLES
Other Protective Equipment	BODY-COVERING WORK CLOTHES TO AVOI EXPOSURE
Supplemental Health/Safety Data	DROWSY ,DIZZY ,HDACH ,NAUSEA/LUNG IRR PNEUMONITIS .INGEST :LARGE AMT - DEPRESSION ,HDACH ,DROWSY ,NAUSEA ,VOM AMT-IRRIT ,DIARR.1 PT TO 1 QT LETHA FOR 150 LB MAN(MFR)

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

Container Quantity	1
Unit of Measure	QT

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	0
Volatile Organic Compounds (G/L)	0

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	MINERAL OIL ,PETROLEUM DISTILLATES ,SOLVENT-DEWAXED HEAVY PARAFFINIC
CAS Number	64742650
NIOSH Number	PY8038500
Proprietary	NO
Percent	100
OSHA PEL	N/E

ACGIH TLV	5 MG/M3 (OIL MIST)
Ingredient #	02
Ingredient Name	REFINED HEAVY PARAFFINIC DISTILLATES
CAS Number	64741884
NIOSH Number	1003331RP
Proprietary	NO
OSHA PEL	5 MG/M3 (OIL MIST)
ACGIH TLV	5 MG/M3 (OIL MIST)
