

Material Safety Data Sheet

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SECTION I - Material Identity

| | |
|------------------------|-------------|
| Item Name | |
| Part Number/Trade Name | V-LUBE F |
| National Stock Number | 9150PVLUBEF |
| CAGE Code | 57847 |
| Part Number Indicator | A |
| MSDS Number | 183791 |
| HAZ Code | B |

SECTION II - Manufacturer's Information

| | |
|-------------------|-------------------|
| Manufacturer Name | STOKES VACCUM INC |
| Street | 5500 TABOR RD |
| City | PHILADELPHIA |
| State | PA |
| Country | US |
| Zip Code | 19120 |
| Emergency Phone | 215-831-5400 |
| Information Phone | 215-831-5400 |

MSDS Preparer's Information

| | |
|----------------------------|-----------------|
| MSDS Preparer Name | DONALD SHAW |
| Street | 5500 TABOR ROAD |
| City | PHILADELPHIA |
| State | PA |
| Zip Code | 19120 |
| Date MSDS Prepared/Revised | 27AUG86 |

Active Indicator N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

| | |
|-------------------------|-----------------------------------|
| Appearance/Odor | DARK AMBER FLUID, ENGINE OIL ODOR |
| Boiling Point | 630-900 F |
| Vapor Pressure | NIL |
| Vapor Density | 10 |
| Specific Gravity | .87 |
| Evaporation Rate | |
| Solubility in water | NIL |
| Container Type | R |
| Container Pressure Code | 4 |
| Temperature Code | 8 |
| Product State Code | U |

SECTION IV - Fire and Explosion Hazard Data

| | |
|----------------------------------|---|
| Flash Point Method | COC |
| Lower Explosion Limit | NR |
| Upper Explosion Limit | NR |
| Extinguishing Media | WATER FOG, CO2, DRY CHEMICAL, FOAM |
| Special Fire Fighting Procedures | USE SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES |
| Unusual Fire/Explosion Hazards | NR |

SECTION V - Reactivity Data

| | |
|------------------------------------|---------------------------------|
| Stability | YES |
| Stability Conditions to Avoid | OPEN FLAMES |
| Materials to Avoid | STRONG OXIDIZERS |
| Hazardous Decomposition Products | CARBON MONOXIDE AND ASPHYXIANTS |
| Hazardous Polymerization | NO |
| Polymerization Conditions to Avoid | WILL NOT OCCUR |
| LD50 - LD50 Mixture | N/R |

SECTION VI - Health Hazard Data

| | |
|------------------------------------|---|
| Route of Entry: Skin | YES |
| Health Hazards - Acute and Chronic | NO ACUTE EFFECTS EXPECTED TO TWICE EXPOSURE LIMIT |
| Carcinogenity: NTP | NO |

| | |
|--------------------------------------|---|
| Carcinogenity: IARC | NO |
| Carcinogenity: OSHA | NO |
| Explanation of Carcinogenity | NR |
| Symptoms of Overexposure | MILD IRRITATION TO EYES AND SKIN |
| Medical Cond. Aggravated by Exposure | N/R |
| Emergency/First Aid Procedures | EYES: FLUSH WITH WATER 15 MIN. GET MED. ATT. IF IRRITATION PERSISTS. SKIN: WASH |

SECTION VII - Precautions for Safe Handling and Use

| | |
|------------------------------------|--|
| Steps if Material Released/Spilled | ABSORB WITH ABSORBANT MATERIAL. DO NOT FLUSH TO DRAIN/STORM SEWER |
| Neutralizing Agent | NR |
| Waste Disposal Method | IN ACCORDANCE WITH LOCAL, STATE, AND FED. REGS |
| Handling and Storage Precautions | NR |
| Other Precautions | WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT BREATH VAPOR OR MIST |

SECTION VIII - Control Measures

| | |
|---------------------------------|--------------------------------|
| Respiratory Protection | FILTER-DUST, FUME, MIST |
| Ventilation | USE WITH ADEQUATE VENTILATION |
| Protective Gloves | NEOPRENE |
| Eye Protection | NR |
| Other Protective Equipment | NA |
| Work Hygenic Practices | WASH THOROUGHLY AFTER HANDLING |
| Supplemental Health/Safety Data | NR |
| Disposal Code | O |

SECTION IX - Label Data

| | |
|---------------------|---------|
| Protect Eye | YES |
| Protect Skin | YES |
| Protect Respiratory | NO |
| Chronic Indicator | UNKNOWN |
| Contact Code | SLIGHT |
| Fire Code | UNKNOWN |
| Health Code | UNKNOWN |
| React Code | UNKNOWN |

SECTION X - Transportation Data

| | |
|--------------------|----|
| Container Quantity | 5 |
| Unit of Measure | GL |

SECTION XI - Site Specific/Reporting Information

SECTION XII - Ingredients/Identity Information

| | |
|-----------------|---|
| Ingredient # | 01 |
| Ingredient Name | SEVERELY SOLVENT REFINED HEAVY PARAFFINIC DISTILLATE (70-80%) |
| CAS Number | 6741884 |
| Proprietary | NO |
| Percent | 80 |
| Ingredient # | 02 |
| Ingredient Name | ETHYLENE PROPYLENE COPOLYMER (10-20%) |
| CAS Number | 9010791 |
| Proprietary | NO |
| Percent | 20 |
| Ingredient # | 03 |
| Ingredient Name | (ZNCPD) ZINC DIALKYL DITHIOPHOSPHATE |
| CAS Number | 68649423 |
| Proprietary | NO |
| Percent | 2 |
| Ingredient # | 04 |
| Ingredient Name | BORATED PLOYNUTYLENE SUCCINIC AMIDE (0-15%) |
| Proprietary | NO |
| Percent | 15 |
| Ingredient # | 05 |
| Ingredient Name | MAGNESIUM & CALCIUM ALKYLARYL DETERGENT (0-15%) |
| Proprietary | NO |
| Percent | 15 |
| Ingredient # | 06 |
| Ingredient Name | ACRYLIC COPOLYMER (0-1%) |
| CAS Number | 68171460 |
| Proprietary | NO |
| Percent | 1 |
