

===== Product Identification =====

MSDS NAME:PREMIUM (HIGH) VACUUM PUMP OIL (13203, 13204)
NIIN:01-194-1335
MSDS Number: BSDQD
=== Responsible Party ===
Company:SEALED POWER CORP ROBINAIR DIV
Address:ROBINAIR WAY
City:MONTPELIER
State:OH
ZIP:43543
Country:US
Info Phone Num:419-485-5561
Emergency Phone Num:419-485-5561
CAGE:07295

=== Contractor Identification ===

Company:SEALED POWER CORP., ROBINAIR DIVISION (SPX)
Address:1224 ROBINAIR WAY
Box:193
City:MONTPELIER
State:OH
ZIP:43543-1952
Country:US
Phone:419-485-5561
CAGE:07295

===== Composition/Information on Ingredients =====

Name:REFINED HEAVY PARAFFINIC DISTILLATES
CAS:64741-88-4
Fraction by Wt: 100% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) > 15 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IN ENCLOSED SPACES OF WHEN HOT, VAPORS
MAY REACH CONCENTRATIONS SUFFICIENT TO CAUSE CENTRAL NERVOUS SYSTEM
DEPRESSION. MISTS OR ASPIRATION INTO LUNGS MAY CAUSE CHEMICAL
PNEUMONIA. MAY CAUSE TRANSIENT SLIGHT SKIN IRRITATION. PRACTICALLY
NON-IRRITATING TO EYES. INGESTION OF LARGE AMOUNTS MAY CAUSE
GENERALIZED DEPRESSION.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:DROWSINESS, DIZZINESS, HEADACHE, NAUSEA, LUNG
IRRITATION, SKIN IRRITATION, VOMITING, DIARRHEA, STOMACH
IRRITATION, CHEMICAL PNEUMONIA. CHRONIC CONTACT MAY CAUSE DRYING,
CRACKING OR FOLLICULITIS. REPEA TED, EXCESSIVE EXPOSURE MAY INDUCE
PULMONARY IRRITATION OR CHRONIC BRONCHITIS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL AID. INJECTION: SUBCUTANEOUS INJECTION IS A MEDICAL EMERGENCY.

===== Fire Fighting Measures =====

Flash Point Method:COC
Flash Point:435F,224C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:WATER MAY CAUSE FROTHING.

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

Spill Release Procedures:REMOVE SOURCES OF HEAT OR IGNITION. PROVIDE ADEQUATE VENTILATION. CONTAIN LEAK. ABSORB WITH SUITABLE MATERIAL SUCH AS RAGS, STRAW OR SAND.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT APPLY HIGH HEAT OR FLAME TO CONTAINER. KEEP SEPERATE FROM STRONG OXIDIZING AGENTS.
Other Precautions:EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE WHICH COULD INCLUDE FLAMMABLE OR EXPLOSIVE VAORS. CONSULT APPROPRIATE AUTHORITIES BEFORE REUSING, RECONDITIONING, RECLIAMING, RECYCLING OR DISPOSING OF EMP TY CONTAINERS OF THIS PRODUCT.

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

Respiratory Protection:NORMALLY NONE REQUIRED. IF HIGH VAPOR CONCENTRATION OR MISST EXPECTED USE REAPIRATOR APPROVED FOR ORGANIC VAPORS AND MMIST.
Ventilation:USE IN WELL VENTILATED AREA. IN CONFINED SPACE, MECHANICAL VENTILATION REQUIRED TO KEEP LEVELS OF COMPONENTS BELOW TLVS.
Protective Gloves:OIL IMPERIOUS GLOVES
Eye Protection:SAFETY GOGGLES, CHEMICAL SPLASH GOGGLES
Other Protective Equipment:WEAR BODY-COVERING WORK CLOTHES TO AVOID PROLONGED OR REPEATED EXPOSURE. LAUNDER SOILED WORK CLOTHES BEFORE REUSE.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1
Boiling Pt:B.P. Text:703F,373C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NIL
Vapor Density:> 1
Spec Gravity:0.87
Viscosity:NOT GIVEN
Evaporation Rate & Reference:< 1 (BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:FAINT YELLOW OR AMBER LIQUID, BLAND ODOR
Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDANTS, STRONG ACIDS, CAUSTICS
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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*** END OF RECORD ***