



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTITY

NAME OF PRODUCT:
PG-991 Anti-Rust Compound

MANUFACTURER'S NAME AND ADDRESS:
SUNNEN PRODUCTS COMPANY
7910 MANCHESTER
ST. LOUIS, MO 63143

CONTACT:
CHUCK KORN

DATE:
AUGUST 10, 2006

EMERGENCY TELEPHONE NUMBER:
314-781-2105

SECTION 2 INGREDIENTS/IDENTITY (PER 29 CFR 1910.1200(g))

CHEMICAL NAME OF COMPONENTS	MAXIMUM Wt%	CAS NO.	OSHA TWA mg/cu m	CARCINOGENIC
Refined petroleum (grease)	90	8009-03-8	5(mist)	N
Camphor	10	76-22-2	2	N

FOR FURTHER SAFETY AND HEALTH INFORMATION REGARDING THE COMPOSITION OF THIS MATERIAL CONTACT SUNNEN PRODUCTS.

These mixture ingredients are cited on the following lists:

NAME	CAS	CITATIONS
camphor	76-22-2	2,4,10,13,16,17

1=IARC 2=OSHA 3=NTP 4=ACGIH 5=NFPA49 6=NFPA325M 7=DOT HMT 49CFR172.101 8=EPA 9=RTECS 10=MA RTK 11=AK RTK 12=CA RTK 13=FL RTK 14=IL RTK 15=ME RTK 16=MN RTK 17=NH RTK 18=NJ RTK 19=Cincinnati, OH RTK 20=Norwood, OH RTK 21=PA RTK 22=RI RTK 23=WV RTK

SECTION 3 PHYSICAL & CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (WATER=1)84 (APPROX.)
EVAPORATION RATE NEGLIGIBLE
PERCENT VOLATILE BY WEIGHT <10%
SOLUBILITY IN WATER NEGLIGIBLE
MELTING POINT 120 F (49 C) APPROX.
REACTIVITY IN WATER NOT REACTIVE
VAPOR PRESSURE (mm Hg) Unknown
APPEARANCE AND ODOR SEMI-SOLID WHITE GREASE
VAPOR DENSITY (Air=1) Unknown

SECTION 4 SPECIAL PRECAUTIONS

NONE Refer to Section 7

SECTION 5 CORROSIVELY AND REACTIVITY DATA

STABILITY: MATERIAL IS STABLE UNDER NORMAL CONDITIONS OF TRANSPORT AND STORAGE.
POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDATION AGENTS. HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE FROM COMBUSTION.

SECTION 6 HEALTH, FIRST AID AND MEDICAL DATA

ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE. PRIMARY ROUTE(S) OF ENTRY ARE: INGESTION, INHALATION AND SKIN ABSORPTION. ABBREVIATIONS USED IN THE FOLLOWING SECTION: NAIF=NO APPLICABLE INFORMATION FOUND, SKIN=SKIN ABSORPTION, EYE=EYE CONTACT, INHAL=INHALATION, INGEST=INGESTION. THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN ARE FROM OTHER THAN DIRECT TEST DATA.

CAMPHOR: ACUTE: SKIN: May cause skin irritation. EYE: May cause eye irritation. INHAL: Irritates mucous membranes. Affects central nervous system causing nausea, vomiting, diarrhea, headaches, dizziness, excitement, irrational behavior and convulsions. INGEST: Irritates mucous membranes. Affects central nervous system causing nausea, vomiting, diarrhea, headaches, dizziness, excitement, irrational behavior and convulsions. CHRONIC: SKIN: NAIF. EYE: NAIF. INHAL: NAIF. INGEST: NAIF.

PETROLEUM GREASE: Fully refined materials meeting the requirements of the United States Pharmacopeia XXI and the requirements of the Food and Drug Administration as per Title 21 parts 172.880 and 178.3700. ACUTE: SKIN: Prolonged repeated contact can cause skin irritation or oil acne due to the mechanical blockage of the skin pores. Predisposing factors: Usually individuals with sensitive skin or large amounts of body hair. EYE: May cause eye irritation. INHAL: None known. INGEST: None known. CHRONIC SKIN: NAIF. EYE: NAIF. INHAL: NAIF. INGEST: NAIF.

EMERGENCY FIRST AID

INHALATION: Remove to fresh air. If not breathing, begin mouth to mouth resuscitation. Seek medical attention.
EYE CONTACT: Remove contact lenses (if wearing) and flush eyes with water for 15 minutes. Seek medical attention to check for possible irritation. SKIN CONTACT: Wash hands with mild non-abrasive soap and water.
INGESTION: Seek medical attention.

SECTION 7 HANDLING, STORAGE AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: Store away from heat or flame. Maximum storage temperature 250 F (120 C). NORMAL USE: May cause skin irritation and/or defat the skin on prolonged or repeated contact. Practice good personal hygiene by washing hands several times each day. Launder contaminated clothing before reuse. Avoid wearing clothing soaked with fluid. Avoid prolonged inhalation of mist or vapors. Do not transfer to unlabeled containers. FOR INDUSTRIAL USE ONLY. Not suitable for use in or around household or dwelling. Containers should be disposed of in an environmentally safe manner and in accordance with applicable governmental regulations. STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS: Absorb on fire retardant absorbant. Gather and dispose of in accordance with applicable regulations. WASTE DISPOSAL METHODS: Dispose of in accordance with applicable federal, state and local laws, regulations, rules, orders and ordinances.

SECTION 8 PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required under normal conditions of use with adequate ventilation.
VENTILATION -LOCAL: Normal. MECHANICAL: Required if odors are present or operator experiences any discomfort. OTHER: No applicable information found. SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed. Do not wear oil soaked clothing. EYE

PROTECTION: Always wear NIOSH approved eye protection when working around or operating machinery. OTHER EQUIPMENT: No applicable information found. MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:

Same as for petroleum lubricating oil. Remove traces of material if soldering, welding, brazing, cutting or other process involving ignition sources to prevent a fire hazard.

SECTION 9 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT---190 F (88 C) ASTM D-93 FLAMMABLE LIMITS--- LEL: Unknown UEL: Unknown.
EXTINGUISHING MEDIA: Carbon dioxide, foam and dry chemical. SPECIAL FIRE FIGHTING PROCEDURES: For fires in enclosed areas, firefighters must use self-contained breathing apparatus. Water spray is an unsuitable extinguishing agent. UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

NOTICE

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