

CANADIAN MATERIAL SAFETY DATA SHEET
 CETTE FICHE SIGNALÉTIQUE EST AUSSI DISPONIBLE EN FRANÇAIS

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1. HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CONCENTRATION wt%	CAS NUMBER	LD50
Refined petroleum (grease)	90	8009-03-8	Unknown
Camphor	10	76-22-2	LC Low 400 mg/cu m mouse

NFPA DESIGNATION 704

-HEALTH	0
-FIRE	2
-REACTIVITY	0
-SPECIFIC HAZARD	NONE

2. PREPARATION INFORMATION

NAME AND PHONE NUMBER OF PERSON/GROUP RESPONSIBLE FOR PREPARATION OF MSDS.

Preparation- Chuck Korn
 Approval- Terry Heller
 Call- (314)-781-2105

DATE OF PREPARATION OF MSDS.

September 1, 1988

3. PRODUCT INFORMATION

MANUFACTURER'S NAME, ADDRESS & PHONE.

SUNNEN PRODUCTS COMPANY
 7910 Manchester Ave.
 St. Louis, Mo. 63143
 United States of America
 314-781-2105

PRODUCT IDENTIFIER.

SUNNEN PG-991

PRODUCT USE.

Anti-rust Compound

4. PHYSICAL DATA

PHYSICAL STATE: Paste

ODOR AND APPEARANCE: White Paste with odor of camphor.

ODOR THRESHOLD: Unknown

SPECIFIC GRAVITY: (WATER=1) .84 (approx)

VAPOR PRESSURE: Unknown

VAPOR DENSITY: Unknown

EVAPORATION RATE: Negligible

BOILING POINT: Unknown

FREEZING POINT: 120 F (49 C)

pH: Not applicable

COEFFICIENT OF WATER/OIL DISTRIBUTION: Negligible.

5. FIRE OR EXPLOSION HAZARD

CONDITIONS OF FLAMMABILITY: Material will burn in the presence of oxygen.

MEANS OF EXTINCTION: Foam, Carbon dioxide or dry chemical.

FLASH POINT & METHOD: 190 F (88 C) ASTM D-92

UEL Upper explosive limit: Unknown

LEL Lower explosive limit: Unknown

AUTO IGNITION TEMPERATURE: Unknown

HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon as product of combustion.

EXPLOSION DATA- Material is stable in the presence of physical impacts. Static discharge may ignite material.

SPECIAL FIRE FIGHTING PROCEDURES: Wear positive pressure, self-contained respiratory equipment. Water may be used to cool fire exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Sealed containers may explode if exposed to extreme heat.

6. REACTIVITY DATA

CONDITIONS WHERE PRODUCT IS NOT STABLE: None known.

LIST INCOMPATIBLE SUBSTANCES: Strong oxidizing materials such as fuming nitric acid.

CONDITIONS OF REACTIVITY: Contact with strong oxidizing agents or sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon from combustion.

7. TOXICOLOGICAL PROPERTIES

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

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 parus 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.

EXPOSURE LIMITS: ACGIH LIMITS FOR: Mineral Oil mist 5 mg/cu m
Camphor 2 mg/cu m

IRRITANCY: Refer to Acute effects of exposure.

SENSITIZATION TO PRODUCT: NO

CARCINOGENICITY: IARC-NO

REPRODUCTIVE TOXICITY: NO

TERATOGENICITY: NO

MUTAGENICITY: NO

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None Known

8. PREVENTIVE MEASURES

RESPIRATORY PROTECTION: None required under normal conditions of use with adequate ventilation.

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 MIOSH approved eye protection when working around or operating machinery.

OTHER EQUIPMENT: None required.

VENTILATION-LOCAL: Recommended.

MECHANICAL: Required if odor is present or operator experiences any discomfort.

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 laws.

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.

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL:

Remove traces of material before soldering, welding or other repairs involving sources of ignition.

9. FIRST AID MEASURES

INHALATION: Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, begin mouth to mouth resuscitation. **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 contact areas with mild non-abrasive soap and water. **INGESTION:** Do not induce vomiting. Call physician or poison control center immediately.

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