

SUNNEN PRODUCTS CO -- NA1270, MAN845 HONING OIL -- 4910-01-210-1978

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

Product ID:NA1270, MAN845 HONING OIL

MSDS Date:08/15/1987

FSC:4910

NIIN:01-210-1978

MSDS Number: BPMLP

=== Responsible Party ===

Company Name:SUNNEN PRODUCTS CO

Address:7910 MANCHESTER AVE

City:ST LOUIS

State:MO

ZIP:63143-2712

Country:US

Info Phone Num:312-781-2105

Emergency Phone Num:314-781-210

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Preparer's Name:TERRY HELLER

CAGE:58436

=== Contractor Identification ===

Company Name:SUNNEN PRODUCTS CO

Address:7910 MANCHESTER AVE

Box:City:SAINT LOUIS

State:MO

ZIP:63143-2712

Country:US

Phone:314-781-2100

CAGE:58436

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

Ingred Name:GAS OIL, BLEND; (REFINED MINERAL OIL)

CAS:64741-44-2

RTECS #:LX3296000

Fraction by Wt: >99%

Other REC Limits:5 MG/M3 MIST (MFR)

Ingred Name:SUPDAT:FOR USE IN/AROUND HOUSEHOLD/DWELLING. ALL

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RECAUTIONS DETAILED ON CONTR LBL APPLY TO PARTIALLY FULL/EMPTY  
(ING 3)  
RTECS #:9999999ZZ

Ingred Name:ING 2:CONTRS. DO NOT ATTEMPT TO CLEAN AS RESIDUE IS DFCLT  
TO REMOVE. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, (ING 4)  
RTECS #:9999999ZZ

Ingred Name:ING 3:PROPERLY CLSD & RETURNED TO A DRUM CONDITIONER TO BE  
COMMERCIALY CLEANED. OTHERWISE, CONTRS SHOULD BE (ING 5)  
RTECS #:9999999ZZ

Ingred Name:ING 4:DISPOSED OF IN ENVIRONMENTALLY SAFE MANNER AND IN  
ACCORDANCE WITH APPLICABLE GO  
VERNMENTAL REGULATIONS.  
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:SKIN:PROLONGED OR REPEATED  
CONTACT WITH MATERIAL MAY LEAD TO IRRITATION CAUSED BY DISSOLVING  
OF NATURAL OILS FROM SKIN CAUSING SLIGHT SKIN IRRITATION.  
INGEST:SLIGHTLY TOXIC - BA  
SED ON TESTING OF SIMILAR PRODUCTS (EFTS  
OF OVEREXPOS)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ:AND/OR COMPONENTS. EYE:EXPECTED TO BE  
NON-IRRITATING - BASED ON TESTING OF SIMILAR PRODUCT AND/OR  
COMPONENTS. INHAL:NOT ESTABLISHED. CHRONIC:NO APPLICABLE  
INFORMATION FOUND.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE FROM FURTHER EX  
POS. IF UNCONSCIOUSNESS OCCURS,  
SEEK IMMED MED ASSIST & CALL MD. IF BRTHG HAS STOPPED, BEGIN MOUTH  
TO MOUTH RESUSCITATION. EYE:REMOVE CONTACT LENSES (IF WEARING) &  
FLUSH EY ES W/WATER FOR AT LEAST 15 MIN. SEEK MDATTN TO CHECK FOR  
POSS IRRIT. SKIN:WASH CONT AREAS W/ MILD NON-ABRASIVE SOAP & WATER.  
INGEST:DO NOT INDUCE VOMIT. ADMIN VEGETABLE OIL. GET MD ASSIST.  
(SUPDAT)

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

Flash Point Method:COC  
Flash Point

:245F,118C

Lower Limits:0.6%

Upper Limits:7%

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:SEALED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:ABSORB ON FIRE RETARDANT ABSORBANT. GATHER AND DISPOSE IN ACCORDANCE WITH APPLICABLE REGULATIONS. NOTIFY COAST

GUARD IF SPILL COULD REACH ANY WATERWAY (1-800-424-8802)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT/FLAME. IF STORED OUTDOORS, STORE SO AS TO SHED WATER.

Other Precautions:NORMAL USE:MAY CAUSE SKIN IRRIT AND/OR DEFAT SKIN ON PRLNG/RPTD CONT. AVOID WEARING CLTHG SOAKED W/FLUID. AVOID PRLNGD INHAL OF MIST/VAP. DO NOT TRANSFER TO UNLBL CONTRS. DO NOT REUSE CONTRS FOR OTHER MATL/PURPOSES. DO NOT CUT, (SUPDAT)

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

Respiratory Protection:IF USE CONDITIONS GIVE RISE TO EXCESSIVE MIST (>5 MG/M3) USE NIOSH/MSHA APPROVED RESPIRATOR RATED FOR MINERAL OIL MIST OR FORCED VENTILATION TO REDUCE MIST EXPOSURE TO WELL BELOW TLV LEVELS.

Ventilation:LOCAL:NORMAL. MECHANICAL:REQUIRED IF USE CONDITIONS GIVE RISE TO LEV >5 MG/M3.

Protective Gloves:IMPERVIOUS GLOVES .

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Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:OIL IMPERVIOUS APRON IF DESIRED.

Work Hygienic Practices:PRACTICE GOOD PERSONAL HYGIENE BY WASHING HANDS SEVERAL TIMES EACH DAY. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

MATL TO AVOID:SOAP AND/OR EMULSIONS. FIRST AID PROC:NOTE TO MD:MATERIAL IF ASPIRED INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY. OTHER PREC:BRAZE, WELD, SOLDER/PRESS CONTR AS DOING S O MAY CAUSE

CONTR TO EXPLODE, POTENTIALLY CAUSING SERIOUS  
INJURY/DEATH. FOR INDUSTRIAL USE ONLY. NOT SUITABLE (ING 2)

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

Boiling Pt:B.P. Text:>600F,>316C

Vapor Pres: