Material Safety Data Sheet
Residue Wax

Section 1 - Product Identification

Synonyms : Foot Oil
Molecular Weight : 436 g/mol
Chemical Formula : $C_{31}H_{64}$
Company Identification : Tradeasia International Pte. Limited
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Recommended use of the chemical and restrictions on use:

Section 2 – Composition/Information on Ingredients

Chemical Name	EC/CAS No	Weight, %
Naphtha (Petroleum)	8002-05-9	80 – 95%

Section 3 – Hazards Identification

3.1 Classification of the substance or mixture

Flammable. Health hazard.

3.2 Label elements

H226 – Flammable liquid and vapour
H304 – May be fatal if swallowed an enters airways
P101 – If medical advice is needed, have product container or label at hand.
P102 – Keep out of reach of children.
P103 – Read label before use.
P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 – Keep container tightly closed.
P240 – Ground and bond container and receiving equipment.
P241 – Use explosion proof electrical/ventilating/lighting equipment.
P242 – Use non sparking tools.

P243 – Take action to prevent static discharges.
P273 – Avoid release to the environment.
P280 – Wear protective gloves/protective clothing/eye protection/ face protection
P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303 + P361 + P353 – IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water or shower.
P331 – Do NOT induce vomiting.
P332 + P313 – If skin irritation occurs. Get medical attention/advice.
P370 + P378 – In case of fire: Use Water fog, Dry chemical and Carbon Dioxide Foam to extinguish.
P391 – Collect spillage
P403 + P235 – Store in well-ventilated place. Keep cool.
P405 – Store locked up.
P501 – Dispose of contents/container according to local, state and federal laws.

3.3 Other hazards

None

Section 4 – First-Aid Measures

4.1. Description of first aid mesaures

Skin contact

Wash contact areas thoroughly with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Eye contact

Flush eyes with plenty of water. If irritation persists, seek medical attention.

Inhalation

Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

Ingestion

Seek immediate medical attention. Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

Precaution

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately. This light hydrocarbon material, or a component, may be associated with cardiac sensitization following very high exposures (well above occupational exposure limits) or with concurrent exposure to high stress levels or heart stimulating substances like epinephrine. Administration of such substances should be avoided.

4.2. Most important symptoms and effects, both acute and delayed

N.A.

4.3. Indication of any immediate medical attention and special treatment needed

N.A.

Section 5 – Fire Fighting Measures

5.1. Suitable Extinguishing media

Water Fog, Dry Chemical and Carbon Dioxide Foam.

5.2. Specific hazards arising from the chemical

Highly flammable. Vapours are flammable and heavier than air. Vapours may travel across the ground and reach remote ignition sources causing flashback fire danger.

5.3. Special protective actions for fire-fighters

Firefighters should consider protective equipment.

Section 6 – Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulation require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks.

6.1.1 For non-emergency personnel

N.A

6.1.2. For emergency personnel

N.A

6.2. Environmental precautions

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and material for containment and cleaning up

N.A

Section 7 – Handling and Storage

7.1. Precautions for safe Handling

Avoid contact with skin. Prevent exposure to ignition sources, for example use non-sparking tools and explosion-proof equipment. Potentially toxic/irritating fumes/vapours maybe evolved from heated or agitated material. Use only with adequate ventilation. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance.

7.2. Conditions for safe storage, including any incompatibilities

Keep container(s) tightly closed and properly labelled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidisers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

7.2.1 Incompatible product

N.A.

7.2.2 Incompatible materials

N.A.

Section 8 – Exposure Controls/Personal Protection

8.1. Control parameters

8.2. Appropriate engineering controls

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Respiratory protection

If engineering controls do not maintain airborne contamination concentrations at a level which is adequate to protect worker health, an approved respirator may be needed.

Eyes and hands protection

Wear chemically resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves. Safety glasses with side shields per OSHA eye and face protection regulations. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of or in conjunction with contact lenses.

Skin protection

Chemical/oil resistant clothing is recommended.

Other information

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Section 9 – Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance : liquid

Odour : mild petroleum/solvent

Odour threshold : N.A.

pH @ 25° C : N.A

Melting point : N.A.

Boiling point : N.A.

Density: N.A.

Flash point : 43 °C

Evaporation rate : < 1

Flammability : flammable

Upper/lower flammability or explosive limits : N.A.

Vapour pressure : N.A.

Vapour density : approximately 5.

Solubility: Insoluble

Auto-ignition temperature : 320 °C

Decomposition temperature : 240 °C

Viscosity : < 100 centipose

Explosive properties: N.A.

Oxidizing properties: N.A.

Section 10 – Stability and Reactivity

10.1. Reactivity

N.A.

10.2. Chemical stability

These products are stable at room temperature in closed containers under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerisation cannot occur.

10.4. Conditions to avoid:

N.A.

10.5. Incompatible materials

Strong bases and acid.

10.6. Hazardous decomposition products

Thermal oxidative decomposition can produce carbon oxides and trace of incompletely burned carbon compounds.

Section 11 – Toxicological Information

Information on toxicological effects

Acute toxicity

N.A

Skin corrosion / irritation

N.A.

Serious eye damage/ irritation

N.A.

Respiratory or skin sensitization

N.A.

Germcell mutagenicity

N.A.

Carcinogenicity

N.A.

Reproductive toxicity

N.A.

STOT-single exposure

N.A.

STOT-repeated exposure

N.A.

Aspiration Hazard

N.A.

Potential health effects

N.A

Section 12 – Ecological Information

12.1.Toxicity

N.A

12.2. Persistence and degradability

N.A

12.3. Bioaccumulative potential

N.A

12.4. Mobility in soil

Material is highly volatile, will partition to air. Will not partition to sediment and wastewater solids.

12.5. Other adverse effects

N.A

Section 13 – Disposal Considerations

13.1. Disposal methods Product

Under RCRA it is the responsibility of the user of the products to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore, to not pressurise, cut, glaze, wield or use for any other purposes. Return drums to reclamation centres for proper cleaning and reuse.

13.2 Ecotoxicity Effect

N.A.

Section 14 – Transport Information

14.1. UN number : N.A.

14.2. UN proper shipping name : N.A

14.3. Transport of hazard classes : N.A

14.4. Packing group : N.A

14.5. Environmental hazards : N.A.

14.6. Special precautions for user : N.A

14.7. Incompatible materials: N.A.

Section 15 – Regulatory Information

15.1. Safety, health and environmental regulations for the substance/mixture

Notification status:

U.S. EPA TSCA Inventory	Listed
Canadian DSL	Listed
EINECS	Listed
South Korea	Listed
Japanese MITI	Listed

Ensure all national/local regulations are observed.

Section 16 : Additional Information

Revision date: 30/7/2019

Other information: None.

16.1. Disclaimer of Liability

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