

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

| | |
|--------------------------------------|-------------------------------|
| Product name | POWEROIL TOPAZ L 110 |
| Chemical Name | White mineral oil (petroleum) |
| Other means of Identification | Not available |
| CAS number | 8042-47-5 |
| EC number | 232-455-8 |
| REACH registration number | 01-2119487078-27-xxxx |

1.2 Relevant identified uses of the substances or mixture and uses advised against

| | |
|----------------------------------|---|
| Product category Consumer | PC32 : Polymer preparations and compounds PC39 : Cosmetics, personal care products |
| Sectors of Uses | SU21 : Consumer uses :Private households SU3 : Industrial uses : Uses of substances as such or in preparations at industrial sites |
| Relevant identified uses | Highly refined mineral oils are typically used as a blending base in a variety of application including |
| Uses advised against | Cosmetic, pharmaceutical, food and general industries Not applicable |

1.3 Details of the supplier of the safety data sheet

| | |
|--------------------------------|--|
| Registered company name | Apar Industries Limited |
| Address | 18 T.T.C., MIDC Industrial Area, Thane Belapur Road , Rabale, Navi Mumbai – 400701. India. |
| Telephone | +91 22 61110444 (Office hours 9.30am to 17.00pm) |
| Fax | +91 22 2760 2692 |
| Website | www.apar.com |
| Email | hse@apar.com |

1.4 Emergency telephone number

| | |
|--|----------------|
| Association / Organisation | Not Available |
| Emergency telephone numbers | +91 9833811132 |
| Other emergency telephone numbers | Not Available |

SECTION 2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Not Considered a dangerous mixture according to directive 1999/45/EC, Reg. (EC) No.1272/2008 (if applicable) and their amendments. Not classified as Dangerous Goods for transport purposes.

Classification according to regulation (EC) no. 1272/2008 [CLP]^[1] Not classified

2.2 Label elements

| | |
|--|---|
| CLP label elements | Not Applicable |
| Signal word | No signal word |
| Hazard statement(s) | No known significant effects or critical hazards. |
| P301+P310 | If SWALLOWED : Immediately call a POISON CENTER/doctor/physician/first aider. |
| P331 | Do NOT induce vomiting. |
| Precautionary statement(s) Storage | |
| P405 | Store locked up. |
| Precautionary statement(s) Disposal | |
| P501 | Dispose of contents/container to authorized chemical landfill or if organic to high temperature incineration. |

2.3 Other hazards

REACH – Art.57-59 : The mixture does not contain Substance of Very High Concern (SVHC) at the SDS print date.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

| 1. CAS No. 2. EC No. 3. Index No. 4. REACH No. | % (Weight) | Name | Classification according to regulation (EC) No.1272/2008(CLP) |
|--|------------|-------------------------------|---|
| 1. 8042-47-5 2. 232-455-8 3. Not Available 4. 01-2119487078-27-xxxx | 100 | White Mineral Oil (petroleum) | Not classified |

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact

If this product comes in contact with eyes :

- Wash out immediately with water
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact

If skin or hair contact occurs:

- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

Inhalation

- If fumes, aerosol or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

Ingestion

- Immediately give a glass of water.

- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

4.2 Most important symptoms and effects, both acute and delayed

See section 11

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

- Dry chemicals Powder.
- Foam.
- BCF (Where regulations permit).
- Carbon dioxide (CO₂).
- Water spray or fog.

5.2 Special hazards arising from the substrate or mixture

Fire incompatibility

- Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine acids, chlorine bleaches, pool chlorine etc. as ignition may results.

5.3 Advice for firefighters

Fire fighting

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear full body protective clothing with breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

See section 8

6.2 Environmental precautions

See section 12

6.3 Methods and material for containment and cleaning up

- Remove all ignitions sources.
 - Clean up all spills immediately.
 - Avoid breathing vapours and contact with skin and eyes.
 - Contain and absorb spill with sand, earth, inert material or vermiculite.
- Minor spills**

- Wipe up.
- Place in a suitable, labelled container for waste disposal.

6.4 Reference to other sections

Personal protective Equipment advice is contained in Section 8 of this SDS.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe Handling

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.
- DO NOT enter confined spaces until atmosphere has been checked.
- Avoid smoking, naked lights or ignition sources.
- Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke.
- Keep containers securely sealed when not in use. Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Use good occupational work practice.
- Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.

Fire and explosion protection See section 5

7.2 Conditions for safe storage, including any in compatibilities

Suitable container

- Metal can or drum
- Packaging as recommended by manufacturer.
- Check all containers are clearly labeled and free from leaks.

Storage incompatibility

Avoid reaction with oxidizing agents.

7.3 Specific end use(s)

Section 1.2

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

| | |
|---|---------------|
| DERIVED NO EFFECT LEVEL (DNEL) | Not available |
| PREDICTED NO EFFECT LEVEL (PNEL) | Not available |
| OCCUPATIONAL EXPOSURE LIMITS (OEL) | Not available |

| Ingredient name | Exposure limits |
|-------------------------------|--|
| White mineral oil (petroleum) | ACGIH TLV (United States, 6/2013). TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction OSHA PEL (United States, 2/2013). TWA: 5 mg/m ³ 8 hours. |

8.2 Exposure controls

8.2.1 Appropriate engineering controls

8.2.2 Personal protection



Eye and face protection

- Safety glasses with side shields
- Chemical goggles.

Skin protection

See Hand protection below

Hands/feet protection

Wear general protective gloves, e.g. light weight rubber gloves.

Body protection

See Other protection below

| | |
|-------------------------------|--|
| Other protection | No special equipment needed when handling small quantities. OTHERWISE: Overalls. Barrier cream. Eyewash unit. |
| Thermal hazards | Not Available |
| Respiratory protection | Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent) |

8.2.3. Environmental exposure controls See section 12

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties
Appearance

| | |
|---|---|
| Physical state | Liquid |
| Color | Colourless |
| Form | Liquid |
| Odor | Odorless |
| Odour threshold | Not applicable |
| pH | Not applicable |
| Melting point/Pour point | < -12°C (ASTM D-97) |
| Flash point | Closed cup: > 170°C |
| Evaporation rate | <1 (n-butyl acetate = 1) |
| Flammability (solid, gas) | Not applicable |
| Flammability limits in air, lower, % by volume | No Data |
| Flammability limits in air, upper, % by volume | No Data |
| Vapour pressure | <0.013 kPa (<0.1 mm Hg) [room temperature] |
| Vapour density | >1 [Air = 1] |
| Density | 0.820 to 0.860 at 25°C |
| Solubility(ies) | |
| Solubility (water) | Insoluble |
| Partition coefficient (n-octanol/water) | Not Available |
| Decomposition temperature | No Data |
| Auto-ignition temperature | > 300°C |
| Viscosity, Kinematic at 40°C (104°F) | 0.21 cm ² /s to 0.24 cm ² /s (21.00 to 24.00 cSt) |
| Explosive properties | No Data |
| Oxidising properties | No Data |
| DMSO extractable compound according to IP-346 | Nil |

9.2 Other Information Not Available

SECTION 10 STABILITY AND REACTIVITY

| | |
|--|---|
| 10.1 Reactivity | Stable. |
| 10.2 Chemical stability | Under normal conditions of storage and use, hazardous reactions will not occur. |
| 10.3 Possibility of hazardous Reactions | Avoid temperatures exceeding the flash point. No specific data. |
| 10.4 Conditions to avoid | No specific data. |
| 10.5 Incompatible materials | Under normal conditions of storage and use, hazardous decomposition products should |
| 10.6 Hazardous decomposition products | not be produced. |

SECTION 11 TOXICOLOGICAL INFORMATION

| | |
|--|--|
| Routes of exposure | Inhalation. Ingestion. |
| Acute toxicity | Not classified. |
| Skin corrosion/irritation | Not classified. May be irritating to the skin. |
| Serious eye damage/eye irritation | Not classified. May cause minor irritation on eye contact. |
| Respiratory sensitiser | Not classified. |
| Skin sensitisation | Not classified. |
| Mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | No known significant effects or critical hazard |
| Reproductive toxicity | Contains no ingredient listed as toxic to reproduction. |
| Specific target organ toxicity | Not classified. |
| - single exposure | |
| Specific target organ toxicity | Not classified. |
| - repeated exposure | |
| Epidemiology | No epidemiological data is available for this product. |

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

| Ingredient | Persistence : Water/Soil | Persistence : Air |
|------------|---------------------------------------|---------------------------------------|
| | No data available for all ingredients | No data available for all ingredients |

12.3 Bioaccumulative potential

| Ingredient | Bioaccumulation |
|------------|---------------------------------------|
| | No data available for all ingredients |

12.4 Mobility in soil

| Ingredient | Mobility |
|------------|---------------------------------------|
| | No data available for all ingredients |

12.5 Results of PBT and vPvB assessment

| | P | B | T |
|-------------------------|---------------|---------------|---------------|
| Relevant available data | Not available | Not available | Not available |
| PBT Criteria fulfilled? | Not available | Not available | Not available |

12.6 Other adverse effects

No data available

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

Product / Packaging disposal

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.

| | |
|---------------------------------|---------------|
| Waste treatment options | Not available |
| Seawage disposal options | Not available |

SECTION 14 TRANSPORT INFORMATION

Labels Required

| | |
|---|--|
| Marine Pollutant | NO |
| Land transport (Not Available) | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
| Air transport (ICAO-IATA/DGR) | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
| See transport (IMDG-Code/GGVSee) | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
| Inland waterways transport (ADN) | NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |

SECTION 15 REGULATORY INFORMATION

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

WHITE MINERAL OIL (PETROLEUM)(8042-47-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

EU REACH Regulation (EC) No 1907/2006 - Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

European Customs Inventory of Chemical Substances ECICS (English)

European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

Netherlands Occupational Exposure Limits (Dutch)

15.2. Chemical safety assessment

| Inventory status Country(s) or region On | Inventory name | On inventory (yes/no)* |
|---|---|---------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances | Yes |
| Europe | (EINECS) | Yes |
| Japan | European List of Notified Chemical Substances (ELINCS) | No |
| Korea | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| New Zealand | Existing Chemicals List (ECL) | Yes |
| Philippines | New Zealand Inventory | Yes |
| United States & Puerto Rico | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| | Toxic Substances Control Act (TSCA) Inventory | |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16 - Other Information

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Abbreviations

| | |
|-------------|--|
| IMDG – CODE | International maritime dangerous goods code. |
| ICAO | International Civil Aviation Organization |
| IATA | International air transport association |