

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
1.1 Product Identifier

Product name	POWEROIL TOPAZ L 70
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	01-2119487078-27-0181

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

Product category Consumer	PC28 : Perfumes, fragrances 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 Cosmetic, pharmaceutical, food and general industries.
Uses advised against	Not applicable

1.3 Details of the manufacture of the safety data sheet

Registered company name	Petroleum Specialities FZE.
Address	Hamriyah Free zone- Phase 1, Plot no. 1C-02D1, Sharjah, PO box: 42180. United Arab Emirates.
Telephone	+971 65096444 (Office hours 9.30am to 17.00pm)
Website	www.apar.com
Email	psf.hse@apar.com

1.4 Emergency telephone number

Association / Organization	Not Available
Emergency telephone numbers	+971566893936
Other emergency telephone numbers	Not Available

SECTION 2 HAZARD IDENTIFICATION
2.1 Classification of the substance or mixture

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] Aspiration Hazard Category 1

Legend: 1. Classified by Chemwatch
2. Classification drawn from EC Directive 67/548/EEC - Annex I
3. Classification drawn from EC Directive 1272/2008 - Annex VI

2.2 Label elements
CLP label elements


Signal word	DANGER
Hazard statement(s)	May be fatal if swallowed and enters airways H304 If SWALLOWED : Immediately call a POISON CENTER/doctor/physician/first aider. P301+P310 Do NOT induce vomiting. P331
Precautionary statement(s) Storage	Store locked up. P405
Precautionary statement(s) Disposal	Dispose of contents/container to authorized chemical landfill or if organic to high temperature incineration. P501

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 Substance

CAS No. : 8042-47-5 EC No. : 232-455-8 REACH No.: 01-2119487078-27-0181	% (Weight)	Name	Classification according to regulation (EC) No.1272/2008(CLP)
	100	White Mineral Oil (petroleum)	Aspiration Hazard Category 1 : H304 [1]

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact	<p>If this product comes in contact with eyes :</p> <ul style="list-style-type: none"> ➤ 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	<p>If skin or hair contact occurs:</p> <ul style="list-style-type: none"> ➤ Flush skin and hair with running water (and soap if available). ➤ Seek medical attention in event of irritation.
Inhalation	<ul style="list-style-type: none"> ➤ If fumes, aerosol or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Ingestion	<ul style="list-style-type: none"> ➤ 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 – Large fires only.

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

- Minor spills**
- Remove all ignitions sources.
 - Clean up all spills immediately.
 - Avoid breathing vapours and contact with skin and eyes.
 - Control personal contact with the substance, by using protective equipment.
 - Contain and absorb spill with sand, earth, inert material or vermiculite.
 - 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)

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	Colorless
Form	Liquid
Odor	Odorless
Odour threshold	Not applicable
pH	Not applicable
Melting point/Pour point	< -15°C (ASTM D-97)
Flash point	Closed cup: > 150°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	0.810 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	> 250°C
Viscosity, Kinematic at 40°C (104°F)	0.11 cm ² /s to 0.13 cm ² /s (11.00 to 13.00 cSt)
Explosive properties	No Data
Oxidising properties	No Data
DMSO extractible compound according to IP-346	Nil

9.2 Other Information	Not Available
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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 not be produced.
10.6 Hazardous decomposition products	

SECTION 11 TOXICOLOGICAL INFORMATION
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Classification according to GHS (1272/2008/EC, CLP)

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

Carcinogenicity	mutagenic or genotoxic.
Reproductive toxicity	No known significant effects or critical hazard
Specific target organ toxicity	Contains no ingredient listed as toxic to reproduction.
- single exposure	Not classified.
Specific target organ toxicity	Not classified.
- repeated exposure	
Epidemiology	No epidemiological data is available for this product.
11.2 Endocrine disrupting properties	Not listed
11.3 Information on other hazards	There is no additional information

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 Endocrine disrupting properties	Not listed
12.7 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
Sewage disposal options	Not available

SECTION 14 TRANSPORT INFORMATION

Labels Required	NO
Marine Pollutant	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
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 applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	

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		On inventory (yes/no)*
Country(s) or region On	Inventory name	
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.
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Abbreviations

IMDG – CODE

International maritime dangerous goods code.

ICAO

International Civil Aviation Organization

IATA

International air transport association