

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

**Product name** **POWEROIL CITRINE N 60**  
**Synonyms** None  
**Registration number** 01-2119480375-34-XXXX

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

**Relevant identified uses** Metalworking Fluids, Industrial Lubricants  
**Uses advised against** 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**
**Classification (EC) no. 1272/2008**

Physical and chemical Hazards Not classified  
 Human Health Aspiration Hazard Category 1 – H304  
 Environment Not Classified

**Classification (1999/45/EEC)** Not Classified

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human Health

May be fatal if swallowed and enters airways.

**2.2 Label elements**

**Contains** Distillates (petroleum), hydrotreated light naphthenic

**CLP label elements**

**Signal word**

DANGER

**Hazard statement(s)**

**H304** May be fatal if swallowed and enters airways  
**P301+P310** If SWALLOWED : Immediately call a POISON CENTER/doctor/physician/first aider.  
**P331** Do NOT induce vomiting.  
**P260** Do not breathe gas/fumes/vapour/spray.

**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 Not available

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

3.1 Substances

1. CAS No. 2. EC No.	% (Weight)	Name	Classification according to regulation (EC) No.1272/2008(CLP)	Classification (67/548/EEC)
1. 64742-53-6 2. 265-156-6	100	Distillates (petroleum), hydrotreated light naphthenic	Aspiration Hazard Category 1 : H304	Not classified

Ingredient notes  
The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

**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 – 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.

6.3 Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

**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)

Not available

**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)**

8.2 Exposure controls

**8.2.1 Appropriate engineering controls**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**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

<b>Appearance</b>	
<b>Physical state</b>	Liquid
<b>Color</b>	Colourless to slight yellow tint
<b>Form</b>	Liquid
<b>Odor</b>	Mild petroleum odour
<b>Odour threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Melting point/Pour point</b>	< -40°C (ASTM D-97)
<b>Flash point</b>	Closed cup: > 140°C
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapour pressure</b>	Not available
<b>Vapour density</b>	No Data
<b>Density</b>	0.860 to 0.880 at 29.5°C
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Insoluble
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Decomposition temperature</b>	No Data
<b>Auto-ignition temperature</b>	> 210°C
<b>Viscosity, Kinematic at 40°C (104°F)</b>	0.08 cm <sup>2</sup> /s to 0.12 cm <sup>2</sup> /s (8.00 to 12.00 cSt)
<b>Explosive properties</b>	No Data
<b>Oxidising properties</b>	

9.2 Other Information Not Available

**SECTION 10 STABILITY AND REACTIVITY**

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

**SECTION 11 TOXICOLOGICAL INFORMATION**

11.1 Information on toxicological effects

<b>Acute toxicity</b>	Not applicable
<b>Skin corrosion/irritation</b>	May cause defatting of the skin, but is neither an irritant nor a sensitizer.
<b>Serious eye damage/eye irritation</b>	Not classified. May cause minor irritation on eye contact.
<b>Respiratory sensitisation</b>	Not classified.
<b>Skin sensitisation</b>	Not classified. May cause defatting of the skin, but is not an irritant.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC)

	using IP 346.
<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	Risk of chemical pneumonia after aspiration.

## SECTION 12 ECOLOGICAL INFORMATION

**12.1 Toxicity** Not expected to be harmful to aquatic organisms.

### 12.2 Persistence and degradability

**degradability** The product is not readily biodegradable.

### 12.3 Bioaccumulative potential

**Bioaccumulation potential** Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

### 12.4 Mobility in soil

**Mobility** Not available.

### 12.5 Results of PBT and vPvB assessment

	<b>P</b>	<b>B</b>	<b>T</b>
Relevant available data	Not applicable	Not applicable	Not applicable
PBT Criteria fulfilled?	Not applicable	Not applicable	Not applicable

**12.6 Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 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

General	The product is not covered by international regulation on the transport of dangerous goods(IMDG,IATA,ADR/RID)
14.1 UN Number	Not classified as dangerous goods for transport.
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not classified as marine pollutant/environmentally hazardous.
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to	Not applicable

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

**EU regulations**

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II**

Not listed.

**Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**

Not listed.

**Regulation (EC) No. 1907/2006, Article 59(1). Candidate List**

Not listed.

**Authorisations**

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

**Restrictions on use**

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use**

Not regulated.

**Directive 2004/37/EC:** on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not listed.

**Directive 92/85/EEC:** on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not listed.

**Directive 98/24/EC:** on the protection of the health and safety of workers from the risks related to chemical agents at work

Not listed.

**Directive 94/33/EC on the protection of young people at work**

Not listed.

**Other regulations :** The product is classified and labelled in accordance with EC directives or respective national laws.

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

**National regulations** Germany: WGK 1

**15.2. Chemical safety assessment** Chemical Safety Assessment has been carried out.

National Regulations

Water Hazard Class (Germany) : WGK 1

15.2. Chemical safety assessment No Chemical Safety Assessment has been carried out.

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 (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No

Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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).

**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

ICAO

IATA

International maritime dangerous goods code.

International Civil Aviation Organization

International air transport association

