



Poweroil Flexoil A-super

Section 1 - Chemical Product and Company Identification			
Product Name	: POWEROIL FLEXOIL A-SUPER		
Chemical Name	: Petroleum Extract		
Product Use	: Plasticsing oil, Synthetic Rubber		
Manufacturer	: Apar Industries Limited, 18 T.T.C M.I.D.C Indl. Area , Rabale , Navi Mumbai, Thane Belapur Road , Thane – 400701. India.		
Company Contact	: Phone Number : + 91 - 22 - 25263400 / 61110444		
Emergency Call	: + 91 - 0 - 9833811132		
Section 2 - Hazardous Identification			
Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)			
Carcinogenicity Category	: 1B		
Signal Word	: Danger		
Pictograms			
Hazard Statements	: H350 May cause cancer		
Precautionary Statements	: P201 Obtain special instruction before use		
	: P202 Do not handles until all safety precautions have been read and understood.		
	: P281 Use personal protective equipment as required		
	: P308+P313 If exposure or concerned: Get medical advice/ attention		
	: P405 Store locked up		
	: P501 Dispose of contents/containers in accordance with local regulation		
Section 3 - Composition / Information On Ingredients			
Ingredient	CAS Number	EC Number	Percentage Weight
Heavy Aromatic Distillate Extract	64742-04-7	265-103-7	100
Section 4 - First Aid Measures			
Skin Exposure	: Flood skin with running water for 15 minutes, cover with clean cotton or gauze, and obtain medical advice immediately.		
Eyes Exposure	: Flood eyes with fresh running water. In the event of any product remaining, do not try to remove it other than by continued irrigation with water. Obtain medical attention immediately.		
Inhalation	: If inhalation of mists, fumes or vapor causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.		
Ingestion	: If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, DO NOT induce vomiting; persist obtain medical advice.		
Section 5 - Fire Fighting Measures			
Suitable extinguishing agents	: Dry chemical powder, foam, water fog or carbon dioxide. DO NOT USE water jets		
Hazards during fire-fighting	: Carbon monoxide, carbon dioxide, phosphorus (POx), sulfur oxides (SOx), other pyrolysis products typical of burning organic material.		
Protective equipment	: Insulated breathing apparatus must be worn in confined premises with heavy concentrations of fumes and gases.		



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Section 6 - Accidental Release Measures	
Personal precautions	: Avoid inhalation and direct contact.
Environmental precautions	: Discharge into the environment must be avoided.
Cleanup	: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid-or universal binding agents). Collect in closed containers for disposal. Minimize water use for cleaning.
Section 7 - Handling and Storage	
Handling	: Use in a closed system. Evacuate the vapors at their emission source and generally ventilate the premises. If not, wear individual breathing equipment. Delimit the zones at risk and prohibit access for unauthorized persons. Skin penetration occurs mainly through contact with product-stained clothing. Provide separate places for work wear and for other attire. Change working clothes frequently. Do not take them home. Have them dry cleaned by the employer. Prevention of fire and explosion: Make provision for water network to avoid any spread of fire.
Precautions	: Avoid exposure - obtain special instructions before use
Storage conditions	: Prevent build-up of static electricity. Store away from sources of ignition and heat. Containers and equipment must be earthed in order to prevent sparks due to static electricity. Use only hydrocarbon resistant containers, joints, pipe-lines. Keep containers closed when not in use.
Packing materials	: Recommended: Steel, stainless steel.
Section 8 - Exposure Controls / Personal Protection	
Exposure limits	: No exposure limit value known.
Personal protective equipment	
Respiratory protection	: No respiratory protection is required under normal conditions of use. If ventilation is insufficient to control air contaminants, select NIOSH approved respiratory protection according to the magnitude of exposure.
Eye protection	: Safety glasses with side shields. Chemical goggles.
Protective clothing	: PVC protective suit may be required if exposure severe. Chemical splash suit.
Ventilation	: Provide adequate ventilation when processing material at elevated temperatures.
Other protective equipment	: N.A
Engineering Controls	: Provide mechanical ventilation; in general such ventilation should be provided at compounding/ converting areas and at fabricating/ filling work stations where the material is heated. Local exhaust ventilation should be used over and in the vicinity of machinery involved in handling material.
Section 9 - Physical and Chemical Properties	
Physical Description	: Brown liquid @ 20°C
Odor	: Slight Oily
pH	: Not applicable
Vapor Pressure	: 0 mbar @ 37.8°C
Boiling Point	: > 300°C
Melting Point	: 27°C
Flash Point	: > 200°C (ASTM D-92)
Auto-ignition	: > 250°C (ASTM E-659)
Solubility	: In water; Slightly soluble < 20 ppm In organic solvents; Soluble in many common solvents.
Specific Gravity	: 0.99
Density	: 10012-1016 kg/m ³ @ 15°C
Viscosity	: 20 – 30 cSt. @ 100°C (ASTM D-445)
Polycyclic aromatic	: 19.8 % wt (IP346)



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Section 10 - Stability and reactivity					
Stability	: Stable under ordinary conditions of use and storage.				
Condition to Avoid	: Extreme heat and high energy sources of ignition.				
Material to Avoid	: May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.				
Dangerous decomposition	: Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide.				
Section 11 - Toxicological Information					
Acute Toxicity Chemical					
Chemical name	Route	Species	Acute Toxic Value		
Heavy Aromatic Distillate Extract	Oral	Rat	LD ₅₀ >5000 mg/kg		
	Dermal	Rabbit	LD ₅₀ >3000 mg/kg		
Irritating/corrosive effects					
Eye Irritation	: Cause burns if hot material contacts eyes.				
Skin Irritation	: Prolonged or repeated skin contact may eventually result in dermatitis or more serious irreversible skin disorders.				
Inhalation	: Inhalation of vapors or aerosols (mists, fumes), generated by the materials during the course of normal handling, may be damaging to the health of the individual.				
Ingestion	: Swallowing larger amounts may cause injury.				
Section 12 - Ecological Information					
Eco-toxicity	: No relevant data found.				
Persistence and degradability	: This material is not expected to be readily biodegradable.				
Bio-accumulate potential	: Product is not likely to accumulate in biological organisms.				
Mobility in soil	: Spillages are unlikely to penetrate the soils.				
Other adverse effects	: The product does not have any known adverse effects on the environment.				
Section 13 - Disposal Considerations					
Methods of 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. DO NOT allow wash water from cleaning or process equipment to enter drains. It may necessary to collect all wash water for treatment before disposal.					
Dispose of by: burial in a land-fill specifically licensed to accept chemical and / or pharmaceutical wastes or Incineration in a licensed apparatus (after admixture with suitable combustible material)					
Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.					
Section 14 - Transport Information					
Regulatory information	UN number	Classes	Packing group	Label	Additional information
DOT	Not regulated	-	-	-	-
ADR / RID	Not regulated	-	-	-	-
IMDG CODE	Not regulated	-	-	-	-
ICAO / IATA	Not regulated	-	-	-	-

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Section 15 – Regulatory Information	
US Toxic Substances Control Act	
This product is on the TSCA Inventory.	
NFPA - USA	
Health – 2, Flammability – 1, Reactivity – 0	
European Inventory of Existing Commercial Chemical Substances (EINECS)	
This product is on the EINECS inventory or is exempt from inventory requirements.	
EU Directive 67/548/EEC	
Classification	T
R-Phrases	R45: May cause cancer
S-Phrases	S53: Avoid exposure – obtain special instructions before use S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
Section 16 - Other Information	
The information in this document is based on our best present. Nevertheless, it does not constitute a guarantee for any specific product features and does not establish any a legally binding contract.	
DOT	: Department of Transportation
ADR	: European agreement concerning the international carriage of dangerous goods by road.
RID	: Regulations concerning the international carriage of dangerous goods by rail.
IMDG – CODE	: International maritime dangerous goods code
ICAO	: International Civil Aviation Organization
IATA	: International air transport association
GHS	: Globally Harmonized System of Classification and Labeling of Chemicals
NFPA	: National Fire Protection Association
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