Section 1 – Chemical Product and Company Identification

Product Name : 1. POWEROIL GEM CALCI NLGI 3 GREASE
2. POWEROIL GEM CALCI NLGI 3 (RED) GREASE

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 - 27694756 / 27694757

EMERGENCY TELEPHONE NUMBERS : Apar Industries Limited : + 91 - 022 - 61110444

Section 2 - Composition And Information On Hazardous Ingredients

Ingredient	CAS Number	Percentage	Hazardous
Severely Hydro treated Heavy Paraffinic Petroleum Oil	64742-62-7	87 – 89	No
Calcium Soaps from natural fatty substances	-	11 - 13	No

Section –3 Hazardous Identification

Potential Health Effects

Primary Entry Route : Skin

Inhalation : Inhalation of vapors or mist may be irritating to respiratory passages. Prolonged exposure may result in dizziness and nausea. Target Organ for mineral oil mist is lungs.

Eye : Eye contact may result in slight irritation and redness.

Skin : Short term contact with skin is unlikely to cause any problems; excessive or prolonged and repeated contact and poor hygiene conditions many result in dryness, dermatitis, oil acne, cracking and defatting of the skin. Personnel with pre-existing skin disorders should avoid contact with this product.

Ingestion : May result in nausea or stomach discomfort.

Section 4 – First Aid Measures

Eye Contact : Flush eyes immediately with plenty of water 15 minutes or until irritation. If redness persists, seek medical help.

Skin Contact : Wash thoroughly with soap wand water. Remove contaminated clothing. Reuse only after cleaning.

Inhalation : Remove to fresh air. Assist breathing if necessary. Seek medical help.

Aspiration ; If there is any suspicion of aspiration into the lungs obtain medical advise.

Ingestion If swallowed , observe for signs of stomach discomfort or nausea. If symptoms persist, seek medical help. Do induce vomiting.

Section 5 – Fire –Fighting Measures

Flash Point : >220^{o}C Flash Point Method : COC

Auto ignition Temperature : >300^{o}C

Lower Explosive Level (LEL):Not determined Upper Explosive Limit (UEL): Not determined

Flammability Classification : OSHA Class III-B Combustible Liquid

Extinguishing Media : Dry Chemical Powder, Foam, CO2 and water or fog. Water may be used to cool below flash point.

Unusual Fire or Explosion Hazards : Do not use forced stream as this could cause fire to spread.

Combustion Products: Fumes, Smoke, and Carbon monoxide.

Fire-fighting Instruction and Equipment : Use waste to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).

Section - 6- Accidental release Measures

Spill / Leak Procedures : Stop spill at source if possible without risk. Contain spill . Eliminate sources of ignition Spill area will be slick. Recover all possible material for reclamation. Use non-flammable absorbent material to pick up remainder of spill.

Spill to navigable Waters : If this material is spilled into navigable waters and creates a visible sheen, it is reportable to Local Response Centre.

Section 7 – Handling and Storage.

Handling and storage Precautions : Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. NFPA Class IIIB storage. Wash thoroughly after handling.

Work / Hygienic Practices : Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take shower after work if general contact occurs. Remove oil-soaked and launder before reuse. Discard contaminated shoes and leather gloves.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls : Adequate ventilation is required where excessive heating or agitation may occur to maintain concentration below exposures limits.

Eye / Face Protection : Safety glasses or face shield where splashing is possible.

Skin Protection : Avoid prolonged and or repeated skin contact. If prolonged contact can not be avoided, wear protective gloves (solvent resistant gloves) and clothing..

Respiratory Protection : Normally not required. Respirator should be used in areas where vapor concentration are excessive due to high temperatures or where oil misting occurs.

Section 9 – Physical and Chemical Properties

Appearance : Soft pale yellow

Odor : Motor oil .

Specific Gravity (Water =1) : N.A.

% Volatiles by volume @ 21°C (70°F) : Nil

Drop Point : > 180°C

Vapor Pressure (mm Hg) : < 1

Evaporation Rate : Not applicable.

Solubility in water : Insoluble

pH : 8.0 to 9.0

Boiling Point : >300°C

Vapor Density (Air = 1) : Not volatile

Penetration at 25°C min.: 220

Section 10 – Stability and reactivity

Stability : Stable under ordinary conditions of use and storage.

Polymerization : Polymerization will not occur.

Chemical Incompatibilities : Strong oxidizers.

Condition to Avoid : Source of ignition

Hazardous Reaction : None.

Section 11 – Toxicological Information

Eyes Effects : Minimal irritation on contact.

Skin Effects : Practically non – toxic if absorbed. May cause mild irritation with prolonged and repeated exposure.

Acute Oral Effects : Tests on similar material indicate low order of acute oral toxicity.

Acute Inhalation Effects : Low acute toxicity expected on inhalation.

Section 12 – Ecological Information
Environmental Fate : No information found. Environmental Toxicity : No information found.
Section 13 – Disposal Considerations
Follow National , State and Local regulations. Not a RCRA hazardous waste if uncontaminated. If "used", RCRA criteria must be determined. Do not flush to drain/storm sewer. If permitted incineration may be practical. Consider recycling.
Section 14- Transport Information
DOT Shipping Label : Not regulated by DOT
Section 15- Regulatory Information

EU labeling information:	Not classified under this legislation
Application laws and regulation: substances/preparations	National laws on classification and labeling of dangerous (Adoption of Directive 67/548/CE and subsequent Adaptations to Technical Progress – ATP, and Directive 1999/45/CE). Relevant national laws on health and safety on the workplace. National adoption of Directives 89/391/CEE,89/6654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 93/88/CEE, 95/63/CE, 97/42/CE, 98/24/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2003/10/CE,2003/18/CE. National adoption of Directive 75/439/CEE concerning disposal of used oils. Relevant national laws on recycling and re-use of waste materials. Relevant national laws on prevention of water pollution.

Section 16- Other Information	
Hazard Rating	**NFPA/HMIS Classification**
0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme	Health = 1 Fire = 1 Reactivity = 0

Date of Preparation : 10.04.2017 Revision No.: 00

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