Section 1 – Chemical Product and Company Identification

Product Name : POWER THERM SYN 600
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 - 0 - 9833811132

Section 2 - Composition And Information On Hazardous Ingredients

Ingredient	CAS Number	Percentage	Hazardous
Alkylated substituted aromatic	64741-65-7	99.5	No
Petroleum Additive	128.37-8/ 80584-90-3	00.50	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 : >170 ^{o}C Flash Point Method : COC
Auto ignition Temperature : >350^{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.
Ingestion: Short term exposure: symptoms of drunkness, Carcinogen status: OSHA: No, IARC : No.

Section 9 – Physical and Chemical Properties

Appearance : Clear & yellow Liquid.
Odor : Mild Petroleum Odour .
Solubility in water : Insoluble
Specific Gravity (Water =1) : 0.90
pH : Not applicable.
% Volatiles by volume @ 21°C (70°F) : Nil
Boiling Point : >300°C
Melting Point : Not applicable
Vapor Density (Air = 1) : Not volatile
Vapor Pressure (mm Hg) : < 1
Evaporation Rate : Not applicable.

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 Decomposition Products : Combustion may produce carbon monoxide and carbon dioxide.

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 : Product is insoluble in water , keep material from entering sewers or surface water
Disposal Considerations: Used material may ne classified in hazardous waste due to byproducts of degradation that could include various aromatic compounds. Used material should be analysed before disposal.

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

CERCLA/SARA :

302/303/304 categories	:	Extremely hazardous substances	: None
311/312 categories	:	Immediate(acute) Health Effects	: No
		Delayed (chronic) health effects	: No
		Fire Hazards	: No
313 categories	:	Toxic Chemicals (40 CFR 372)	: None
Clean Air act	:	Hazardous Air Pollutants (HAPS)	: None
		Ozone depleting Compounds (ODC)	: None

This product is not hazardous under Hazard Communication Standard 29 CFR 1910.1200

EPA/TSCA Inventory : The components of this product are listed on the EPA/TSCA inventory of chemicals CAS No: 128.37-0

Foreign Inventories : The components of this product are listed under the following inventories:
European Union's EINICS No. 204-881-4,284-660-7
Australia's ACS No. on list
Philippines'PICCS - on list

Section 16- Other Information

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

Disclaimer :

The information contained herein is based upon data believed to be reliable and reflects our best professional judgment. It is the responsibility of the user to determine the suitability of the material for their purpose. No warranty is expressed or implied, is given.