Section 1 - Chemical Product and Company Identification					
Product Name: TRANSFORMER OI	Product Name : TRANSFORMER OIL TOAP 1020				
Chemical Family : Petroleum Distillate.					
Chemical Formula: Not Applicable					
CAS Number : 64742–53–6					
	I TD				
Company Details: TENOIT CO., LTD. Room 4, 5FL., No. 109, Sec. 6, Mingquan East Road, Taipei, Taiwan					
			, 1a1wall		
EMERGENCY TELEPHONE NUMBER : TEL (886) 2 8792–2185 8792–2187					
FAX (886) 2 8792-2151 Section 2 - Composition And Information On Hazardous Ingredients					
-					
Ingredient	CAS Number	Percentage	Hazardous		
Severely Hydrotreated Light Naphthenic Petroleum Oil.	64742-53-6	100	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 m	ay result in dizz	ziness and nausea. Targ	get Organ for mineral		
oil mist is lungs.					
Eye : Eye contact may result in slight irritation and redness.					
			excessive or prolonged		
Skin: Short term contact with skin is unlikely to cause any problems; excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis,					
oil acne, cracking and					
			th 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 and water. Remove contaminated clothing. Reuse only					
after clearing.					
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 advice.					
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: >140°C , Flash Point Method: COC					
Auto ignition Temperature : $>315^{\circ}$ 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, CO ₂ 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).					
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Section 6 - Acci	dental 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 cannot be avoided, wear protective gloves (solvent resistant gloves)and clothing. Respiratory Protection : Normally not required. Respirator should be used in areas where vapor concentration is excessive due to high temperatures or where oil misting occurs. Section 9 - Physical and Chemical Properties			
Appearance : Clear, pale straw to yellow,	Vapor Pressure(mm Hg): 0.0059 mm Hg at 100°F		
Heavy liquid Odor: Mild petroleum odor.	Evaporation Rate : Not applicable Solubility(H ₂ O) : Negligible in water		
Specific Gravity : 0.81 to 0.89	PH: Not applicable		
(Water = 1)	Boiling Point : > 271°C		
% Volatiles by volume @21°C(70°F) : Nil	Vapor Density(Air=1):> 5		
Melting Point: Not applicable			
Section 10 - Stability and reactivity			
Stability: Stable under ordinary conditions of use and storage.			
Polymerization : Polymerization will not			
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			
Eye 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			
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			
OSHA(29CFR 1910) : 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: 64742-53-6			
Foreign Inventories : The components of this product are listed under the following			
inventories :			
1. CANADA DSL No.: 64742-53-6			
2. European Union's EINICS No. 265 - 156 – 6 3. Korea's ECL No. KE – 12552			
4. Australia's ACS No. 64742 - 53 -6			
5. Philippine's PICCS - on list			
Section 16 - Other Information			
Hazard Rating <u>NFPA/HMIS Classification</u>			
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.