Section 1 - Che	emical Pr	oduct	and Comp	anv Iden	tifica	tion			
Section 1 - Chemical Product and Company Identification Product Name: INKER 2000									
Chemical Name: Severely Hydrotreated Heavy Naphthenic Distillate									
Chemical Family : Petroleum Distillate.									
Chemical Formula : Not Applicable.									
CAS Number: $64742-52-5$									
Company Details: TENOIT CO., LTD.									
		c.6,Ming	gquan East	Road, Tai	pei, Ta	iwan			
EMERGENCY TELEPHONE NUMBER : '	Room 4, 5FL., No. 109, Sec. 6, Mingquan East Road, Taipei, Taiwan EMERGENCY TELEPHONE NUMBER: TEL (886) 2 8792-2185 8792-2187								
FAX (886) 2 8792-2151									
Section 2 - Composition And Information On Ingredients									
A complex combination of hydrocarbons obtained by treating a petroleum fraction with									
hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers									
predominantly in the range of	C20 throug	gh C50 ai	nd produces	s a finishe	ed oil w	ith a vi	scosity		
near 2000 SUS @100°F(386 cSt	@40℃).								
Ingredient	CAS Number		Percentage		Hazardous				
Severely Hydrotreated Heav	y 64742	-52-5	1(0.0	No				
Naphthenic Petroleum Oil.	04142	02 0	10	0.0		NO			
Trace Impurities:									
	OSHA 1	PEL	ACGIH	I TLV	NIOS	H REL	NIOSH		
Ingredient	TWA	STEL	TWA	STEL	TWA	STEL	IDLH		
Severely Hydrotreated Heavy	5 mg/m ³	None	5 mg/m ³	10 mg/m^3	None	None	None		
Naphthenic Petroleum 0il	(oil mist)	estab	(oil mist)	(oil mist)	estab	estab	estab		
Section	n 3 – Ha	azardo	us Identi	ification	1				
Potential Health Effects									
Primary Entry Route : Skin									
	orsormist	may be i	rritating	to respirat	ory pas	sage. Pr	olonged		
Inhalation : Inhalation of vapors or mist may be irritating to respiratory passage. Prolonged exposure may result in dizziness and nausea. Target Organ for mineral oil mist is lungs.									
Eye : Eye contact may result							_		
Skin: Short term contact with	skin is unl	ikely to	cause any	problems;	excessi	ve or pr	olonged		
and repeated contact an	d poor hyg	iene con	ditions ma	y result in	n drynes	ss, derm	natitis,		
erythema,oil acne, crao	cking and	defatti	ng of the	skin.					
Ingestion : May result in nausea or stomach discomfort.									
Carcinogenicity: Based on OSHA 1910. 1200 and IARC study requirements, this product does not									
require labeling. Meets EU requirement of less than 3%(w/w)DMSO extract for total									
polycyclic aromatic compound(PAC) using IP 346. NTP and OSHA do not list this product									
as a potential carcinogen.									
Mutagenicty: This product gives negative mutagenic results from Modified Ames Assay.									
Medical Conditions Aggravated by Long-Term Exposure: Personnel with pre-existing skin									
disorders should avoid contact with this product.									
Section 4 - First Aid Measures									
Eye Contact: Wash with water. If irritation or redness persists seek medical help.									
Skin Contact : Wash thoroughly with soap and 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 not induce vomiting.									
Section 5 - Fire Fighting Measures									
Flash Point: ≥ 450°F(232°C) , Flash Point Method: COC									
Burning Rate: Not available									

Autoignition Temperature : $> 600^{\circ} F(> 315)$					
Lower Explosive Level(LEL):Not determined.					
Upper Explosive Limit(UEL) : Not determined.					
Flammability Classification : OSHA CLASS III-B Combustible Liquid.					
Extinguishing Media : Halon, dry chemical, foam, CO ₂ and water mist 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					
	respiratory protection (positive pressure ii				
available).	ental 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					
	sorbent material to pick up remainder of spill.				
	al is spilled into navigable waters and creates				
a visible sheen, it is reportable to					
	andling and Storage				
	y 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.					
	soap and water before eating, drinking, smoking				
	se gasoline, solvents, kerosene, or harsh abrasive				
skin cleaners for washing exposed skin areas. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Discard					
contaminated shoes and leather gloves.					
Shelf Life: Product should be stored in clean, dry containers at ambient temperatures and					
it should remain stable with exception of slight color stability loss unless it is					
contaminated.					
Section 8 - Exposure C	ontrols/Personal Protection				
Engineering Controls: Adequate ventilation	is required where excessive heating or agitation				
may occur to maintai	n concentration below exposure limits.				
Eye/Face Protection: Safety glasses or face shield where splashing is possible.					
	ted skin contact. Solvent resistant gloves should				
be used if needed.					
Respiratory Protection : Not Normally Needed. Respirator should be used in areas where vapor					
	to high temperatures or where oil misting occurs.				
Section 9 - Physical and Chemical Properties					
Physical State : Liquid	Vapor Density(Air=1):> 5				
Appearance : Clear & bright	Specific Gravity(H ₂ O=1): 0.94				
Color: Amber	Water Solubility(H_20) : Nil				
Odor: Mild petroleum odor	Boiling Point: $700-1100^{\circ}F(370-595^{\circ}C)$				
Odor Threshold: Not determined Vapor Pressure: Not applicable	Melting Point: 20°F(-5°C) % Volatile: Nil(LVP-VOC)				
_					
Evaporation Rate : Not available PH: Not applicable					
Section 10 - Stability and Reactivity					
Stability: Stable					
Polymerization : Polymerization will not occur. Chemical Incompatibilities : Strong oxidizers.					
Condition to Avoid(Stability): Sources of ignition.					
volution to avoid(stability) · sources of ignition.					

Hazardous Decomposition Products: Combustion products include carbon monoxide and carbon dioxide.				
Section 11 - Toxicological Information				
Acute Toxicity: Tests on similar materials show a low order of acute oral and dermal toxicity.				
Eyes Irritation : Minimal irritation on contact. Eye Irritation slight or practically				
non-irritating based on similar products.				
Skin Effects : Practically non-toxic if absorbed. Other similar highly refined products have				
not shown skin tumors in mouse, skin painting studies.				
Acute Oral Effects: Tests on similar materials indicate low order of acute oral toxicity.				
Acute Inhalation Effects: Low acute toxicity expected on inhalation.				
Skin Irritation: May cause mild irritation with prolonged and repeated exposure.				
Skin Sensitization : Is indicated as non-sensitizing based on data from similar products.				
Carcinogenicity:				
Skin: Not considered a potential carcinogen based on IP346 DMSO of less than 3.0 wt%.				
Genotoxicity: This product is considered non-mutagenic and has negative potential				
for tumor development based on results from Modified Ames Assay,				
with Mutagenic Index of less than 1.0.				
This product is severely hydrotreated at greater than 800 psi, and does not require a cancer				
warning under OSHA Hazard Communication Standard (29 CFR 1910. 1200). Similar products have				
not been listed in NTP reports, and are classified by IARC as having inadequate evidence				
of carcinogenicity. IARC indicates that based on preponderance of data highly refined				
mineral oils are not mutagenic either in vitro or in vivo. Severely hydrotreated naphthenic				
petroleum oils have not been found to be carcinogenic or potential carcinogens.				
Section 12 - Ecological Information				
Aquatic Release : Advise authorities if product has entered or may enter watercourses or				
sewer drains.				
Ecotoxicity: Available data indicate this product is not acutely toxic. 96 hr. acute static				
toxicity for Pimephales promelas(Fathead Minnow)LC ₅₀ mortality is				
greater than 30,000 mg/L.Other similar products have shown 48 hr EL ₅₀				
for Daphnia magna greater than 1000 mg/L \cdot and 96 hr 1rL $_{50}$ for Scenedesmus				
subspicatus (Alga) greater than 1000 mg/L.				
Biodegradability : This product reaches less than 10% biodegradation in standard				
28-day test and is not readily biodegradable in the environment.				
Section 13 - Disposal Considerations				
Follow Federal, 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. Contract				
to authorized disposal service. If permitted incineration may be practical. Consider				
recycling.				
Section 14 - Transport Information				
Proper Shipping Name: Not regulated by DOT (Contains 0il)				
Hazard Class: Not Applicable				
DOT ID No. : Not Applicable				
DOT Shipping Label : Not regulated by DOT				
Section 15 - Regulatory Information				
U.S. Federal Regulatory Information:				
CERCLA/SARA :				
302/303/304 categories (40 CFR 355 Appendix A): Extremely hazardous substances : No				
311/312 categories : Immediate(Acute) Health Effects : No				
(40 CFR 370) Delayed(Chronic) health effects : No				
Fire Hazards : No				
Sudden Release of Pressure Hazard : No				
Reactivity Hazard : No				

313 categories : Toxic Chemicals(40 CFR 372) : No				
Clean Air act : Hazardous Air Pollutants(HAPS) : No				
Ozone depleting Compounds(ODC) : No				
Clean Water Act : If spilled into navigable waters it is reportable to National Response Center, 800-424-8802				
(40 CFR 116;401.15) Reportable Quantity= 0il sheen present on navigable water surface.				
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: 64742-52-5				
RCRA(40 CFR 261.33): This product does not meet hazardous waste criteria.				
State Regulations:				
California Prop 65: No Proposition 65 chemicals exist in this product, no labeling required.				
Florida: No listed ingredients are present.				
Massachusetts RTK: No listed ingredients are present.				
Minnesota RTK: No listed ingredients are present.				
New Jersey RTK: Lists petroleum oil, but this product does not contain hazardous				
ingredients.				
Pennsylvania RTK: Lists petroleum oil, but this product does not contain hazardous ingredients greater than 3%.				
Illinois DOL TSL: No listed ingredients are present.				
Other Regulation:				
WHMIS(Canada): Not listed on the Canadian Controlled Product Ingredient Disclosure and is				
compliant with Controlled Products Regulation.				
CONEG Metals : Since cadmium , chromium , lead and mercury are not detectable and it does not exceed 100 ppm total in this product , it is compliant with CONEG Metals				
regulation.				
EEC(Europe): This product is not known to be a dangerous good internationally.				
No known R-Phrases or S-Phrases				
Hazard Label None				
Danger Symbol None				
Foreign Inventories : The components of this product are listed under the following inventories :				
1. European Union's EINICS No. 265 -155 –0				
2. Korea's ECL No. KE – 12543				
3. Australia's AICS No.64742 -52 -5				
4. CANADA's DSL No.:64742-52-5				
5. Philippines' PICCS—on List				
Section 16 - Other Information				
Hazard Rating NFPA/HMIS Classification				
0 = Least 1 = Slight 2 = Moderate Health = 1 Slight				
3 = High 4 = Extreme Fire = 1 Slight				
Destinity 0 Leset				

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.

Reactivity = 0

Least