



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
PRODUCT NAME: Synperonic N		PRODUCT NUMBER: 1-2726 (1004090)		DATE: August 01, 2011	
TRADE NAME: Synperonic N GENERAL USE: Surfactant CHEMICAL FAMILY: Alkasurf CO-630 PRODUCT DESCRIPTION: Clear, viscous liquid with aromatic odor.					
MANUFACTURER Safariland LLC		DATE PREPARED: August 1, 2011			
ADDRESS (NUMBER, STREET, P.O. BOX) 13386 International Parkway		SUPERSEDES: September 2, 2008			
(CITY, STATE AND ZIP CODE) Jacksonville, FL. 32218		TELEPHONE NUMBER FOR INFORMATION / Customer Service 800-347-1200			
COUNTRY USA		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER  1-800-255-3924 01-813-248-0585 North America Toll Free International			
SECTION 2 - HAZARDS IDENTIFICATION					
EMERGENCY OVERVIEW					
Product only combusts at highly elevated temperatures. Mists containing product may combust. Product may be toxic by ingestion and inhalation.					
POTENTIAL HEALTH EFFECTS					
INHALATION: Irritating to the mucous membranes. Symptoms include coughing, sore throat, and wheezing.					
SKIN: Slight irritation may occur with exposure.					
EYES: Severe irritant. Irritation, redness and/or pain may occur with exposure.					
INGESTION: Product is irritating and somewhat toxic. Nausea, gastro-intestinal distress, and vomiting may result.					
CARCINOGENICITY:					
NTP? NO		IARC MONOGRAPHS? NO		OSHA REGULATED? NO	
CALIFORNIA, Prop.65? NO					
SECTION 3 - HAZARDOUS INGREDIENTS					
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Ethoxylated Nonylphenol	>90	9016-45-9	500-024-6	Xn, Xi,N	R22,R37,R41,R50
Notes:					
SECTION 4 - FIRST AID MEASURES					
INHALATION: Remove victim to fresh air, providing oxygen or artificial respiration if needed. Seek medical attention promptly.					
EYES: Flush with water for 15 minutes. Seek emergency medical help.					
SKIN: Rinse with copious amounts of water. Wash with soap and water and launder contaminated clothing before re-use.					
INGESTION: Do not induce vomiting. Give large quantities of water to drink and call a physician immediately.					
SECTION 5 - FIRE FIGHTING MEASURES					
GENERAL HAZARDS: Non-flammable product. Decomposition may result in toxic fumes.					
EXTINGUISHING MEDIA: Dry chemicals, foam, carbon dioxide. Water may be ineffective on fire.					
FIRE FIGHTING PROCEDURES: Emergency responders should wear bunker gear and Self-Contained Breathing Apparatus (SCBA). Proper eye and skin protection should also be used. Water spray can be used to cool equipment and reduce vapors.					
UNUSUAL FIRE AND EXPLOSION HAZARDS: None					
HAZARDOUS COMBUSTION PRODUCTS: Carbon Oxides, smoke, and soot.					

MATERIAL SAFETY DATA SHEET


PRODUCT NAME: Synperonic N		DATE: August 01, 2011					
PRODUCT NUMBER: 1-2726 (1004090)							
SECTION 6 - ACCIDENTAL RELEASE MEASURES							
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:							
Mix with water and mop up spill. Place in appropriate receptacle.							
SECTION 7 - HANDLING AND STORAGE							
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:							
Do not store above 120°F. Store in cool, dry ventilated area.							
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION							
HAZARDOUS COMPONENTS	NIOSH			ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm
Ethoxylated Nonylphenol	NE		NE		NE		NE
PERSONAL PROTECTION							
RESPIRATORY PROTECTION:							
Generally not required. Where ventilation is insufficient, used a OSHA/NIOSH or EU approved vapor respirator.							
PROTECTIVE GLOVES:							
Gloves are recommended for use of this product.							
EYE PROTECTION:							
Safety glasses or goggles.							
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:							
None							
WORK / HYGIENIC PRACTICES:							
Do not smoke, eat, or drink while using this product. Immediately wash hands after use.							
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES							
APPEARANCE AND ODOR				VAPOR PRESSURE			
Clear, viscous liquid with aromatic odor.				< 0.01 mm Hg			
pH				SPECIFIC GRAVITY (WATER = 1)			
NA				1.06			
BOILING POINT / BOILING RANGE				SOLUBILITY IN WATER			
>392 ° F (> 200 °C)				Soluble			
FLASH POINT				VISCOSITY			
> 200 ° F (> 93 °C)				NA			
FLAMMABLE LIMITS				VAPOR DENSITY (AIR = 1)			
LEL: NE UEL: NE				NE			
AUTO-IGNITION TEMPERATURE				EVAPORATION RATE (WATER = 1)			
NE				NE			
SECTION 10 - STABILITY AND REACTIVITY							
STABILITY				CONDITIONS TO AVOID:			
STABLE X				Excessive heat, elevated temperatures, acids, oxidizers			
INCOMPATIBILITY (MATERIALS TO AVOID):							
Acids, oxidizers							
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:							
Carbon Oxides							
HAZARDOUS POLYMERIZATION:				CONDITIONS TO AVOID:			
Will not occur.				None related to polymerization.			
SECTION 11 - TOXICOLOGICAL INFORMATION							
Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)		LC50 of Ingredient (Specify Species)			
Ethoxylated Nonylphenol	9016-45-9 500-024-6	LD50= 3000mg/kg (oral, rabbit)		NE			
SECTION 12 - ECOLOGICAL INFORMATION							
Very toxic to aquatic life..							
SECTION 13 - DISPOSAL CONSIDERATIONS							
WASTE DISPOSAL METHOD:							
Dispose of product waste as well as containers in accordance with all local, state and federal regulations.							

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	Synperonic N	DATE:	August 01, 2011
PRODUCT NUMBER:	1-2726 (1004090)		

SECTION 14 - TRANSPORT INFORMATION



PROPER SHIPPING NAME: Environmentally Hazardous Substance, Liquid, N.O.S. (ethoxylated nonylphenol)			
DOT HAZARD CLASS / Pack Group: Class 9 / PG III	IATA HAZARD CLASS / Pack Group: Environmentally Hazardous Substance, Liquid, N.O.S. (ethoxylated nonyl phenol), 9, PGIII		
REFERENCE: 49CFR, IATA, IMDG, ADR/RID	IMDG HAZARD CLASS: Environmentally Hazardous Substance, Liquid, N.O.S. (ethoxylated nonyl phenol), 9, PGIII		
UN / NA IDENTIFICATION NUMBER: UN 3082	RID/ADR Dangerous Goods Code: 9		
LABEL: Class 9	UN TDG Class / Pack Group: UN3082		
HAZARD SYMBOLS:	Hazard Identification Number (HIN): None		



Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act):	Components Listed.
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):	NO
Acute Health: YES	Chronic Health: NO
Fire: NO	Sudden Release of Pressure: NO
Reactive: NO	
313 REPORTABLE INGREDIENTS:	No
CERCLA (USA - Comprehensive Response Compensation and Liability Act):	Not listed.
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:	Not listed.
State Right to Know: Ethoxylated Nonyl Phenol: NJ,PA	
CPR (Canadian Controlled Products Regulations):	Not listed
IDL (Canadian Ingredient Disclosure List):	Listed.
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):	Components listed on DSL.
EINECS (European Inventory of Existing Commercial Chemical Substances):	Referenced.
WGK Water Quality Index:	2

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
R22 Harmful if swallowed. R37 Irritating to respiratory system. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.	 Xn/Xi - Harmful/ Irritant	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39 Wear eye/face protection. S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets
	 N- Environment	

SECTION 16 - OTHER INFORMATION

Legend: NA= Not Applicable, NE= Not Established, ND= Not Determined, NR=Not Reported.

HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 0 0 B	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
----------------------------	------------------------------------------------------------------------------------------------------------	----------------------------------------------	---------------------------------------------------------------------------------------------------------------

REVISION SUMMARY:
Revised to E.U. protocols 8/1/2011 supersedes 9/2/2008 issue.LB/JTV

MSDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com



The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.