

Material Safety Data Sheet

Date of Issue: 09-08-03

COMPANY DETAILS

Company: **Falcon Waterfree Technologies LLC**Address: 1593 Galbraith Ave SE, Suite 205
Grand Rapids MI 49546 USA

Phone: +01-616-954-3570

Fax: +01-616-954-3579

In case of emergency contact:

USA: 1-800-424-9300

Int'l: +01-703-527-3887

SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER : ANER 01538

TRADE NAME OR CHEMICAL NAME : SEALANT

SYNONYMS : N/A

FORMULA : PROPRIETARY BLEND OF ALCOHOLS

CHEMICAL FAMILY : CLEANER

MOLECULAR WEIGHT : N/A

SECTION II: HAZARDS IDENTIFICATION

<u>CHEMICAL NAMES</u>	<u>CAS NUMBER</u>	<u>% WT</u>	<u>TLV-ACGIH</u>	<u>PEL-OSHA</u>	<u>SEC.313</u>	<u>NTP</u>	<u>IARC</u>	<u>PROP.65</u>
4-Chloro-3,5-dimethylphenol	88-04-0	.003%	NA	NA	No	NA	NA	No

SECTION III: FIRST AID MEASURES

FIRST AID MEASURES / GENERAL INFORMATION

REMOVE CONTAMINATED SOAKED CLOTHING IMMEDIATELY AND DISPOSE
OF SAFELY.

FIRST AID MEASURES / SKIN CONTACT

IN CASE OF CONTACT WITH SKIN WASH OFF IMMEDIATELY WITH PLENTY
OF WATER.

FIRST AID MEASURES / EYE CONTACT

IN CASE OF CONTACT WITH EYES RINSE THOROUGHLY WITH PLENTY
OF WATER AND SEEK MEDICAL ADVICE.

SECTION IV: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

FOAM
CARBON DIOXIDE
WATER MIST
DRY POWDER

EXTINGUISHING MEDIA THAT MUST NOT BE USED FOR SAFETY REASONS:

FULL WATER JET

SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE OR PREPARATION ITSELF, COMBUSTION PRODUCTS OR RESULTING GASES IN THE EVENT OF FIRE, THE FOLLOWING CAN BE RELEASED:

UNBURNED HYDROCARBONS

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

USE SELF CONTAINED BREATHING APPARATUS.

ADDITIONAL INFORMATION (4.5)

COOL CONTAINERS AT RISK WITH WATER SPRAY JET.

SECTION V: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

ENSURE ADEQUATE VENTILATION
KEEP AWAY SOURCES OF IGNITION

METHODS FOR CLEANING UP / TAKING UP

TAKE UP WITH ABSORBENT MATERIAL (E.G. SAND, SAWDUST, GENERAL-PURPOSE BINDER, KIESELGUHR).
SEND IN SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL.

SECTION VI: HANDLING AND STORAGE

HANDLING

ADVICE ON PROTECTION AGAINST FIRE AND EXPLOSION:
KEEP AWAY FROM SOURCES OF IGNITION

DO NOT SMOKE
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES

STORAGE

ADVICE ON STORAGE COMPATIBILITY:
DO NOT STORE TOGETHER WITH OXIDIZING AGENTS.

FURTHER INFORMATION ON STORAGE CONDITIONS:
KEEP IN A COOL PLACE.

SECTION VII: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS WITH OCCUPATIONAL EXPOSURE LIMITS TO BE MONITORED:
NONE

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:
BREATHING APPARATUS IN THE EVENT OF HIGH CONCENTRATIONS
SHORT TERM: FILTER APPARATUS, COMBINATION FILTER A-P2

HAND PROTECTION:
RUBBER GLOVES
PLASTIC GLOVES

EYE PROTECTION:
TIGHTLY FITTING GOGGLES

GENERAL PROTECTIVE MEASURES:
AVOID CONTACT WITH EYES AND SKIN

HYGIENE MEASURES:
REMOVE SOILED OR SOAKED CLOTHING IMMEDIATELY.
WASH HANDS BEFORE BREAKS AND AFTER WORK
AT WORK DO NOT EAT, DRINK, SMOKE OR TAKE DRUGS.

SECTION VIII: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

FORM: LIQUID
COLOUR: BLUE
ODOUR: FRUITY

RELEVANT SAFETY DATA

CHANGE IN PHYS. STATE	REFERENCE VALUE	VALUE FROM	TO
STARTS TO BOIL			240°C
METHOD POURPOINT	ASTM-D-1078 APP		
METHOD MELTING RANGE	DIN/ISO 3016 APP		-70°C
METHOD	DIN 51583 APP		<-30°C
FLASH POINT METHOD	APP DIN 51758		100°C
IGNITION TEMPERATURE METHOD	APP DIN 51794		235°C
LOWER EXPL. LIMIT METHOD	ND		
UPPER EXPL. LIMIT METHOD	ND		
VAPOR PRESS AT 20°C METHOD			< 1,000 MBAR
DENSITY AT 20°C METHOD	APP DIN 51757		0.870 G/CM3
SOLUBILITY IN WATER AT UNS 20°C METHOD			
VISCOSITY DYNAMIC AT 20°C METHOD	APP DIN 51562		20 mPa.s
pH VALUE AT °C/ METHOD	NA		

SECTION IX: STABILITY AND REACTIVITY

HAZARDOUS REACTIONS
REACTIONS WITH OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS
CARBON MONOXIDE
CARBON DIOXIDE

SECTION X: TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY / L050:

RAT
> 2000 MG/KG

SECTION XI: ECOLOGICAL INFORMATION

BIOLOGICAL DEGRADABILITY / VALIDATION:
BIODEGRADABLE

BIOLOGICAL DEGRADABILITY / OTHER ADVICES:

THE PRODUCT IS SLIGHTLY SOLUBLE IN WATER. IT CAN BE LARGELY ELIMINATED FOR THE WATER BY ABIOTIC PROCESSES, E.G. MECHANICAL SEPARATION.

SECTION XII: TRANSPORT INFORMATION

THE PRODUCT DOES NOT CONSTITUTE A HAZARDOUS SUBSTANCE IN NATIONAL/INTERNATIONAL ROAD, RAIL, SEA AND AIR TRANSPORT.

SECTION XIII: REGULATORY INFORMATION

LABELLING

THE PRODUCT DOES NOT REQUIRE A HAZARD WARNING LABEL IN ACCORDANCE WITH EC DIRECTIVES/GERMAN REGULATIONS ON DANGEROUS SUBSTANCES.

SECTION XIV: OTHER INFORMATION

FURTHER INFORMATION:

ABBREVIATIONS:
NA = NOT APPLICABLE
ND = NO DATA AVAILABLE
UNS = UNSOLUBLE
SOL = SOLUBLE
MI = MIXABLE

MODIFICATIONS / SUPPLEMENTS:

MODIFICATIONS ARE MARKED WITH AN ASTERISK (*) AT THE LEFT MARGIN OF THE PAGE.
SUPPLEMENTS ARE MARKED WITH A CROSS (+) AT THE LEFT MARGIN OF THE PAGE.

THESE DATA ARE BASED ON OUR PRESENT KNOWLEDGE. HOWEVER, THEY SHALL NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES AND SHALL NOT ESTABLISH A LEGALLY VALID RELATIONSHIP.

Legal Disclaimer: The information contained herein has been compiled by Falcon Waterfree Technologies from outside sources and is provided for reference purposes only. In providing this information, Falcon Waterfree Technologies makes no guaranty or warranty and assumes no liability with respect to the accuracy or completeness of such information, or the results as described herein will be obtained. American Waterless disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose other than for the specific use with the patented waterfree urinal system.



Falcon Waterfree Technologies, LLC
1593 Galbraith Avenue SE
Grand Rapids, MI 49546
Tel: 866.275.3718 (toll-free)
Fax: 616.954.3579
E-mail: info@falconwaterfree.com
www.falconwaterfree.com