

SAFETY DATA SHEET

NAME OF PRODUCT: TITAN LS-10

FILE NO.:

SDS DATE: 02/01/2016

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TITAN LS-10 , Wagner Easy Clean, Wagner All Guard
SYNONYMS: #314-483, 314-482, 0521418, 0508620, 0516749, 0154839B
PRODUCT CODES:

MANUFACTURER: D.K. ROSEDALE LLC
DIVISION:
ADDRESS: 9316 NICOLLET AVE., BLOOMINGTON, MN 55420

EMERGENCY PHONE: 612-741-6441
CHEMTREC PHONE: 800-424-9300
OTHER CALLS:
FAX PHONE: 866-391-1691

CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

PRODUCT USE: PRESSURE WASHER CLEANING COMPOUND
PREPARED BY: D.K. ROSEDALE LLC

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Proprietary Blend

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	n/a	n/a	
OSHA PEL STEL :	n/a	n/a	
OSHA PEL CEILING:	n/a	n/a	
ACGIH TLV-TWA:	n/a	n/a	
ACGIH TLV STEL:	n/a	n/a	
ACGIH TLV CEILING:	n/a	n/a	

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: NONE

ROUTES OF ENTRY: INGESTION

POTENTIAL HEALTH EFFECTS

EYES: MAY CAUSE IRRITATION, SLIGHT ITCHING

SKIN: PROLONG CONTACT MAY RESULT IN SKIN SENSITIZATION IN SOME INDIVIDUALS

INGESTION: MAY CAUSE UPSET STOMACH

INHALATION: n/a

ACUTE HEALTH HAZARDS: NONE KNOWN

CHRONIC HEALTH HAZARDS: NONE KNOWN

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

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CARCINOGENICITY

OSHA: NONE KNOWN

ACGIH: NONE KNOWN

NTP: NONE KNOWN

IARC: NONE KNOWN

OTHER:

SECTION 3 NOTES: NON HAZARDOUS

SECTION 4: FIRST AID MEASURES

EYES: FLUSH EYES WELL WITH WATER. IF IRRITATION PERSISTS, OBTAIN MEDICAL AID.

SKIN: WASH WITH SOAP AND WATER.

INGESTION: INDUCE VOMITING

INHALATION: n/a

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: NON HAZARDOUS

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: LEL 2.6 UEL 12.5
(% BY VOLUME) LOWER:

FLASH POINT:

F: 160

C:

METHOD USED: UNDER CUP

AUTOIGNITION TEMPERATURE:

F: n/a

C:

NFPA HAZARD CLASSIFICATION

HEALTH: NONE

FLAMMABILITY: NONE

REACTIVITY: NONE

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: NONE

FLAMMABILITY: NONE

REACTIVITY: NONE

PROTECTION:

EXTINGUISHING MEDIA: NOT APPLICABLE

SPECIAL FIRE FIGHTING PROCEDURES: NOT APPLICABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NOT APPLICABLE

HAZARDOUS DECOMPOSITION PRODUCTS: NOT APPLICABLE

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: ABSORB WITH INERT MATERIAL AFTER DILUTING WITH WATER. VACUUM

SECTION 6 NOTES:

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: STORE IN A COOL, DRY AREA WITH ADEQUATE VENTILATION

OTHER PRECAUTIONS: NONE

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : n/a

RESPIRATORY PROTECTION: n/a

EYE PROTECTION: SAFETY GLASSES

SKIN PROTECTION: RUBBER GLOVES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK HYGIENIC PRACTICES: USE GOOD WORK PRACTICES

EXPOSURE GUIDELINES: AVOID PROLONG CONTACT WITH SKIN

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: GREEN CLEAR LIQUID

ODOR: PINE SCENT

PHYSICAL STATE: FLOWABLE LIQUID

pH AS SUPPLIED: 10

pH (Other):

BOILING POINT:

F: 198°

C:

MELTING POINT:

F:

C:

FREEZING POINT:

F: -20°

C:

VAPOR PRESSURE (mmHg): 5mmHg

@

F: n/a

C:

VAPOR DENSITY (AIR = 1): n/a

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): .19

@

F:

C:

EVAPORATION RATE: 0.9

BASIS (=1):

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: TOTALLY

PERCENT SOLIDS BY WEIGHT: 2.0%

PERCENT VOLATILE: less than 10%

BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: LBS/GAL

WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: n/a

VISCOSITY: water thin

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: 100%

CONDITIONS TO AVOID (STABILITY): NONE KNOWN

INCOMPATIBILITY (MATERIAL TO AVOID): NONE KNOWN

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: NONE

CONDITIONS TO AVOID (POLYMERIZATION): NONE

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NONE

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: ECOLOGICAL AND ENVIRONMENTALLY SAFE

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: CAN BE DISPOSED IN NORMAL GARBAGE

RCRA HAZARD CLASS:

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SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: TITAN LS-10, PUMP GUARD. NON HAZARDOUS CLEANING COMPOUND

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

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SECTION 16: OTHER INFORMATION

OTHER INFORMATION: THIS PRODUCT MAY BE FORMULATED IN PART WITH COMPONENTS PURCHASED FROM OTHER COMPANIES. IN MANY INSTANCES, ESPECIALLY WHEN PROPRIETARY OR TRADE SECRET MATERIALS ARE USED, D.K. ROSEDALE LLC MUST RELY UPON INFORMATION PROVIDED BY THESE MATERIAL MANUFACTURERS OR DISTRIBUTORS.

PREPARATION INFORMATION:

DISCLAIMER: WE BELIEVE THAT THE INFORMATION CONTAINED HEREIN IS CURRENT AS OF THE DATE OF THE MSDS. ALTHOUGH IT IS POSSIBLE THAT THIS MIXTURE ITSELF HAS NOT BEEN TESTED AS TO WHAT HAZARDS MAY BE PRESENT. OSHA SECTION 1910. 1200 HAS BEEN APPLIED. THIS STATES THAT IF ONE OR MORE HAZARDOUS COMPONENTS ARE A LEVEL 1.0% OR GREATER, THAN THE MIXTURE IS PRESUMED TO HAVE ALL THE HEALTH HAZARDS OF THE COMPONENTS. SINCE THE USE OF THE PRODUCT IS NOT WITHIN OUR CONTROL IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THE PRODUCT.