



Spartan Chemical Company, Inc. Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
WOODFORCE OMU 50 FINISH
Product Number: 5824

Product Division:
Janitorial

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990
Medical Emergency: 1-(888)-314-6171 (24 hours)
Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Gallons: ORM-D, Consumer commodity
& Drums: Flammable liquids, n.o.s., 3, UN 1993, III, (contains petroleum distillates) Pails

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate Fire: 2 - Moderate Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 2 - Moderate Reactivity: 0 - Minimal Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Urethane modified alkyd resin	45-50	Proprietary	Not Established	Not Established	Not Established	No
Petroleum distillate	35-40	64742-47-8	1200 (Exxon)	Not Established	Not Established	No
Petroleum distillate	5-10	64742-88-7	Not Established	Not Established	Not Established	No
Urethane modified long oil alkyd	5-10	68188-21-6	Not Established	Not Established	Not Established	No
Petroleum distillate	1-5	8052-41-3	350 (NIOSH)	Not Established	1800 (NIOSH)	No
*Ethylene glycol monopropyl ether	1-5	2807-30-9	110 (Skin) (Eastman)	Not Established	Not Established	No

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point: 540-640 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Not water soluble
pH: NA	Specific Gravity (H ₂ O=1): 0.868 (7.23 lbs/gal.)
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 45-55
Physical State: Liquid	
Appearance & Odor: Clear tan liquid. Sweet resinous odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 110°F	Method Used: ASTM-D93
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Foam, Carbon dioxide, or dry chemical	
Special Fire Fighting Procedures: Do not use water on fire. Water can be used to cool closed containers to prevent pressure build-up.	
Unusual Fire & Explosive Hazards: Combustible liquid and vapor. Vapors may travel along ground and settle in low areas or be moved by ventilation and be ignited by heat, sparks, pilot lights or other flames and ignition sources. Extinguish all flames, pilot lights and other sources of ignition prior to use and until all vapors are dissipated.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Ingestion
Effects of Overexposure- Conditions to Avoid:	Harmful if Inhaled. Inhalation of solvent vapors may cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache, loss of consciousness, liver and kidney damage and even death. Reports have associated repeated or prolonged occupational overexposure to solvents with permanent brain and nervous system damage. The intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Harmful or Fatal if Swallowed. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death. Causes Skin Irritation. Frequent or prolonged contact may cause dermatitis. May cause allergic skin reactions. Causes Eye Irritation. Do not breathe vapors or mists. Avoid contact with eyes, skin or clothing. Do not swallow. Extended over-exposure of experimental animals to ethylene glycol monopropyl ether has been found to produce a toxic effect on red blood cells, spleen, liver and kidneys.
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye; liver; kidney and respiratory disorders including asthma and dermatitis.
Emergency & First Aid Procedures:	
Eyes:	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Wash thoroughly with soap and water while removing contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before re-use. Discard shoes if unable to thoroughly clean.
Ingestion:	Do not induce vomiting. Get medical attention immediately.
Inhalation:	Move person to fresh air. Get medical attention if irritation persists.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong acids and oxidizers (eg: peroxides)
Hazardous Decomposition Products: Combustion can produce carbon dioxide, carbon monoxide and organic acids.	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Eliminate sources of ignition. Prevent liquid from entering sewers; watercourses or low areas. Contain spilled liquid with sand, earth or other inert absorbent. Do not use combustible materials such as sawdust. If warranted by large spill, warn and evacuate occupants. In addition it is recommended that local authorities be contacted to determine if there are local reporting requirements.
Waste Disposal Method:	Consult an expert on disposal of recovered material and ensure conformity with Federal, State and Local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Unless air monitoring demonstrates vapor levels are below applicable limits (see Section II), a fully functioning NIOSH approved air purifying respirator equipped with organic vapor cartridges should be worn during use of this product and until vapors are exhausted.
Ventilation:	Prevent the build-up of dangerous vapor levels by providing adequate ventilation. Open doors and windows. provide cross ventilation. Local exhaust ventilation may be necessary.
Protective Gloves(Specify Type):	Solvent resistant gloves
Eye Protection(Specify Type):	Splash goggles
Other Protective Equipment:	Solvent impermeable clothing and boots are recommended to prevent skin contact.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep away from heat, sparks and flame. Store in a cool, dry place. High temperatures will cause the container to swell and possibly rupture. Keep container closed. Empty containers retain product residue and explosive vapors. Do not cut, weld or expose such containers to heat, flames, sparks or other sources of ignition. This product can accumulate static electric charges which can result in an incendiary discharge. Use proper bonding or electric grounding procedures.
Other Precautions:	Clothing; towels or rags dampened with this product are combustible and may also be subject to spontaneous combustion. Dispose of these materials in sealed; water filled metal containers. Keep out of reach of children.

© SCC 03/28/2012

WOODFORCE OMU 50 FINISH
Ref: 29 CFR 1910.1200 (OSHA)

Name: Ronald T. Cook
Effective Date: 03/28/2012

Changes: Correct Shipping Description

Title: Manager, Regulatory Affairs
Supercedes: 06/08/2009

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.



Spartan Chemical Company, Inc.
Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
WOODFORCE STRATEGIC CLEANER
Product Number: 5822

Product Division:
Janitorial

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990
Medical Emergency: 1-(888)-314-6171 (24 hours)
Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Gallons: ORM-D, Consumer commodity
& Drums: Flammable liquids, n.o.s., 3, UN 1993, III, (contains isopropanol)

Pails

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate Fire: 3 - Serious Reactivity: 0 - Minimal	Health: 2 - Moderate Fire: 3 - Serious Reactivity: 0 - Minimal Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Isopropyl alcohol	15-20	67-63-0	980	1225	Not Established	No
Propylene glycol monomethyl ether	5-10	107-98-2	369 (ACGIH)	553 (ACGIH)	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: 184 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 9.0-10	Specific Gravity (H ₂ O=1): 0.96 (8.06 pounds per gallon)
Evaporation Rate (but.ac.=1): <1	Percent Solid by Weight: < 1.0%
Physical State: Liquid	
Appearance & Odor: Pale green liquid with solvent odor	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: 97°F	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Alcohol resistant foam, CO2, Dry Chemical, Water Fog, Water Spray.	
Special Fire Fighting Procedures: Use water spray for cooling.	
Unusual Fire & Explosive Hazards: Flammable liquid and vapor. Vapors may travel along ground and settle in low areas or be moved by ventilation and be ignited by heat, sparks, pilot lights or other flames and ignition sources. Extinguish all flames, pilot lights and other sources of ignition prior to use and until all vapors are dissipated.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes, Ingestion
Effects of Overexposure- Conditions to Avoid:	Harmful if inhaled or swallowed. Causes eye and skin irritation. Causes respiratory tract irritation. Do not breathe vapors or mists. Avoid contact with the eyes, skin or clothing. Do not swallow. Inhalation of high concentrations may cause drowsiness, dizziness and headache. Ingestion may cause dizziness, drowsiness, nausea and diarrhea. Eye contact may cause corneal injury if not removed promptly. The intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin, eye and respiratory disorders including asthma and dermatitis.
Emergency & First Aid Procedures:	
Eyes:	Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Wash skin thoroughly with soap and water while removing contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before re-use. Discard shoes if unable to thoroughly clean.
Ingestion:	Do not induce vomiting. Give one or two glasses of water to dilute. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. If irritation persists; get medical attention.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong oxidizing substances.
Hazardous Decomposition Products: Unknown	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Eliminate sources of ignition. Small spills can be flushed with large amounts of water to a sanitary sewer. Contain large spills with sand, earth or other inert absorbent. Do not use combustible materials such as sawdust. If warranted by large spill, warn and evacuate occupants. In addition, it is recommended that local authorities be contacted to determine if there are other local reporting requirements.
Waste Disposal Method:	Consult an expert on disposal of recovered material and ensure conformity with Federal, State and Local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	If exposure limits are exceeded (see Section II) or if respiratory irritation occurs, use of a NIOSH approved respirator suitable for the conditions of use and the chemicals listed in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Chemical resistant gloves
Eye Protection(Specify Type):	Chemical goggles
Other Protective Equipment:	Not expected to be required.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep away from heat, sparks and flame. Do not smoke while using this product. Store in a cool, dry place. Keep container closed. Empty containers retain product residue and explosive vapors. Do not cut, weld or expose such containers to heat, flames, sparks or other sources of ignition.
Other Precautions:	Keep out of reach of children.

© SCC 03/28/2012	Name: Ronald T. Cook	Title: Manager, Regulatory Affairs
WOODFORCE STRATEGIC CLEANER	Effective Date: 03/28/2012	Supercedes: 10/23/2010
Ref: 29 CFR 1910.1200 (OSHA)	Changes: Correct Shipping Description	

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.



Spartan Chemical Company, Inc. Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
XTRACTION II
Product Number: 3096

Product Division:
Janitorial

Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990
Medical Emergency: 1-(888)-314-6171 (24 hours)
Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: Non-Hazardous Products

NFPA Ratings:	HMIS Ratings:
Health: 2 - Moderate Fire: 0 - Minimal Reactivity: 0 - Minimal	Health: *2 - Moderate; Chronic Hazard Fire: 0 - Minimal Reactivity: 0 - Minimal Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Alcohol ethoxylate	1-5	68439-46-3	Not Established	Not Established	Not Established	No
Sodium carbonate	1-5	497-19-8	Not Established	Not Established	Not Established	No
*2-Butoxyethanol	1-5	111-76-2	240 [skin] 96	Not Established	Not Established	No
Sodium alkylnaphthalenesulfonate	1-5	Proprietary	Not Established	Not Established	Not Established	No
Tetrasodium EDTA	1-5	64-02-8	Not Established	Not Established	Not Established	No

Comment: *This substance is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and of 40 CFR 372.

SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Not determined
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 11.3-11.8	Specific Gravity (H ₂ O=1): 1.049
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 10-15
Physical State: Liquid	
Appearance & Odor: Light green liquid, floral fragrance	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.	
Unusual Fire & Explosive Hazards: Combustion products are toxic.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes; Oral
Effects of Overexposure:	Causes eye irritation: Symptoms may include pain, redness and swelling of the conjunctiva.		
Conditions to Avoid:	Causes skin irritation: Symptoms may include pain and redness. Harmful if absorbed through the skin. May be harmful if swallowed: Symptoms may include abdominal pain, nausea and diarrhea. Inhalation of product mist may cause respiratory irritation: Symptoms may include coughing and difficulty breathing. Contains 2-butoxyethanol which may cause central nervous system depression with symptoms such as headache; dizziness; nausea and drowsiness. Exposure to 2-butoxyethanol may cause blood cell; liver and kidney damage based on animal data. Do not get in eyes, on skin, or on clothing. Do not swallow. Avoid breathing product mist.		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
Emergency & First Aid Procedures:			
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Remove contaminated clothing. Flush skin with water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse.		
Ingestion:	Do not induce vomiting unless advised to do so by a doctor or poison control center. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.		
Inhalation:	In case of respiratory irritation or dizziness; move person to fresh air. Get medical attention if irritation persists.		

SECTION VI: REACTIVITY DATA

Stability:	Stable	Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	None	Hazardous Polymerization:	Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (if permitted by local sewer regulations). Dike and contain large spills with inert material and transfer liquid to containers for recovery or disposal.
Waste Disposal Method:	Assure conformance with federal, state and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not normally required when good ventilation is provided.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Impervious rubber or other waterproof gloves are recommended when handling undiluted product.
Eye Protection(Specify Type):	Splash goggles are recommended when handling undiluted product.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Keep from freezing.
Other Precautions:	Keep out of reach of children.

© SCC 06/08/2011	Name: Ronald T. Cook	Title: Manager, Regulatory Affairs
XTRACTION II	Effective Date: 06/08/2011	Supercedes: 11/01/2007
Ref: 29 CFR 1910.1200 (OSHA)	Changes: General Review	

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond sellers control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.