

SPARTAN CHEMICAL COMPANY, INC.

WHMIS MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT INFORMATION

PRODUCT IDENTIFIER

XTRACTION II

PRODUCT USE: Carpet Cleaner For Use with Extraction Equipment

MANUFACTURER'S NAME & ADDRESS
Spartan Chemical Company, Inc.
1110 Spartan Drive, Maumee, OH 43537 USA

MEDICAL EMERGENCY TELEPHONE
888/314-6171 (24 Hours)
PRODUCT INFORMATION
800/537-8990

SECTION II: HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	TLV			LD50	LC50
			TWA mg/m ³	STEL mg/m ³	Ceiling mg/m ³		
68439-46-3	1-5	Alcohol ethoxylate	----	Not Established	----	Not available	Not available
497-19-8	1-5	Sodium carbonate	----	Not Established	----	Not available	Not available
64-02-8	1-5	Tetrasodium					
		ethylenediaminetetraacetate	----	Not Established	----	Not available	Not available
111-76-2	1-5	2-Butoxyethanol	240 (skin)	96	----	Not available	Not available
Proprietary	1-5	Sodium					
		alkylnaphthalenesulfonate	----	Not Established	----	Not available	Not available

SECTION III: PHYSICAL DATA

BOILING POINT 100 °C (212°F)	SPECIFIC GRAVITY (H₂O = 1) 1.049	PERCENT SOLID BY WEIGHT 10-15
VAPOUR PRESSURE Not established	EVAPORATION RATE (butyl acetate = 1) < 1	FREEZING POINT Not available
VAPOUR DENSITY (AIR = 1) Not established	SOLUBILITY IN WATER Complete	
pH 11.3 -11.8	APPEARANCE AND ODOUR Light green liquid, floral fragrance	ODOUR THRESHOLD Not available
COEFFICIENT OF WATER/OIL DISTRIBUTION Not available		PHYSICAL STATE GAS__ LIQUID <u>X</u> SOLID_____

SECTION IV: FIRE & EXPLOSION DATA

FLASH POINT >100 °C (212°F)	METHOD USED ASTM - D56	FLAMMABLE LIMITS Not established
EXTINGUISHING MEDIA Product does not support combustion. Not applicable	CONDITIONS OF FLAMMABILITY	AUTO-IGNITION TEMPERATURE Not applicable
HAZARDOUS COMBUSTION PRODUCTS Not established		EXPLOSION DATA Not applicable
SPECIAL FIRE FIGHTING PROCEDURES Use self-contained breathing apparatus for maximum respiratory protection. Water may be used to cool containers if not ruptured or leaking.		
UNUSUAL FIRE AND EXPLOSION HAZARDS None known		

SECTION V: REACTIVITY DATA

STABILITY: STABLE X

CONDITIONS OF INSTABILITY

Not established

CONDITIONS OF REACTIVITY

Not established

INCOMPATIBILITY (MATERIALS TO AVOID) Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide, carbon monoxide

SECTION VI: TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF ENTRY: Eye Contact, Skin Contact, Ingestion, Inhalation

EXPOSURE LIMIT

Not established for mixture.

EFFECTS OF ACUTE EXPOSURE:

EYE CONTACT: Causes eye irritation with symptoms of pain, redness and swelling of conjunctiva.

SKIN CONTACT: Causes skin irritation with symptoms such as pain and redness. Harmful if absorbed through the skin.

INGESTION: May be harmful if swallowed. Symptoms may include abdominal pain, nausea and diarrhea.

INHALATION: Breathing product mist may cause respiratory irritation with symptoms of nasal discomfort, discharge and coughing.

EFFECTS OF CHRONIC EXPOSURE

Contains 2-butoxyethanol which may cause headache, nausea, dizziness and drowsiness. Exposure to 2-butoxyethanol may cause blood, liver and kidney effects based on animal data.

IRRITANCY OF PRODUCT

Causes skin and eye irritation

SENSITIZATION TO PRODUCT

Not available

CARCINOGENICITY

No

REPRODUCTIVE TOXICITY

Not available

TERATOGENICITY

Not available

MUTAGENICITY

Not available

SYNERGISTIC PRODUCTS

Not available

SECTION VII: PREVENTIVE MEASURE

PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS:

Wear rubber or other impervious gloves and splash goggles. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.

LEAK AND SPILL PROCEDURE: 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 applicable regulations...

HANDLING PROCEDURES: Do not get in eyes, on skin or on clothing. Do not swallow. Avoid breathing product mist.

Wash thoroughly after handling.

STORAGE REQUIREMENTS: Keep container closed when not in use. Do not freeze. Do not store above 49°C (120°F). Keep out of reach of children.

SPECIAL SHIPPING INFORMATION: None, Shipping Description: Non Hazardous Product.

SECTION VIII: FIRST AID MEASURES

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 physician 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 IX: PREPARATION INFORMATION

EXTRACTION II

DATE OF PREPARATION: October 25, 2016

SUPERCEDES: October 25, 2013

PREPARED BY: Ronald T. Cook / Manager, Regulatory Affairs / Spartan Chemical Company, Inc.

TELEPHONE NUMBER: 800/537-8990