

**SPARTAN CHEMICAL COMPANY, INC.
WHMIS MATERIAL SAFETY DATA SHEET**

SECTION I: PRODUCT INFORMATION

PRODUCT IDENTIFIER

NABC DEODORIZING RIM CAGES

PRODUCT USE: Toilet Bowl Deodorant

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		
7757-82-6	45-55	Sodium sulfate	----	Not Established	----	Not available	Not available
57-55-6	25-35	Propylene glycol	----	Not Established	----	Not available	Not available
25155-30-0	10-15	Sodium dodecyl benzene sulfonate	----	Not Established	----	Not available	Not available
8052-48-0	5-10	Sodium tallowate	----	Not Established	----	Not available	Not available
3844-45-9	1-5	Acid blue 9, disodium salt	----	Not Established	----	Not available	Not available
Proprietary	1-5	Fragrance	----	Not Established	----	Not available	Not available

SECTION III: PHYSICAL DATA

BOILING POINT > 100 °C (212°F)	SPECIFIC GRAVITY (H₂O = 1) 1.20	PERCENT SOLID BY WEIGHT 100
VAPOUR PRESSURE Not established	EVAPORATION RATE (butyl acetate = 1) < 1	FREEZING POINT Not available
VAPOUR DENSITY (AIR = 1) Not established	SOLUBILITY IN WATER Complete	ODOUR THRESHOLD Not available
pH NA	APPEARANCE AND ODOUR Solid blue block, fresh fragrance.	PHYSICAL STATE GAS__ LIQUID__ SOLID__X__
COEFFICIENT OF WATER/OIL DISTRIBUTION Not available		

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 Combustion products are toxic.		

SECTION V: REACTIVITY DATA

STABILITY: STABLE X **CONDITIONS OF INSTABILITY** **CONDITIONS OF REACTIVITY**
Not established Not established

INCOMPATIBILITY (MATERIALS TO AVOID)
Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS Not established

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: May cause eye irritation with symptoms such as pain and redness.

SKIN CONTACT: May cause minor skin irritation with symptoms such as pain and redness.

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

INHALATION: Not expected to be harmful.

EFFECTS OF CHRONIC EXPOSURE Not established

IRRITANCY OF PRODUCT

May cause 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

The use of gloves and splash goggles are not required with normal use. Provide good general ventilation.

LEAK AND SPILL PROCEDURE Product consists of solid units. Collect for reprocessing or disposal.

WASTE DISPOSAL METHOD Assure conformance with applicable regulations.

HANDLING PROCEDURES Avoid contact with eyes, skin or clothing. Do not taste or swallow.

STORAGE REQUIREMENTS Do not store above 49°C (120°F). Wash thoroughly after handling. Keep out of reach of children.

SPECIAL SHIPPING INFORMATION: Not regulated. Shipping Description: Deodorants, n.o.s.

SECTION VIII: FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.

SKIN: Wash skin thoroughly with soap and water.

INGESTION: Do not induce vomiting. Call a physician for treatment advice. 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

NABC DEODORIZING RIM CAGES

DATE OF PREPARATION: March 20, 2014

SUPERCEDES: March 7, 2011

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

TELEPHONE NUMBER 800/537-8990