

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

SECTION I: PRODUCT INFORMATION

PRODUCT IDENTIFIER

DUST MOP/DUST CLOTH TREATMENT (BULK)

PRODUCT USE: RTU Dust Mop Treatment

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		
64742-46-7	1-5	Petroleum distillates	----	Not Established	----	Not available	Not available
107-21-1	1-5	Ethylene glycol	----	----	100 (ACGIH)	Not available	Not available
2717-15-9	1-5	TEA Oleate	----	Not Established	----	Not available	Not available
68131-39-5	1-5	Alcohol ethoxylate	----	Not Established	----	Not available	Not available

SECTION III: PHYSICAL DATA

BOILING POINT

99 -100 °C (210 - 212°F)

VAPOUR PRESSURE

Not established

VAPOUR DENSITY (AIR = 1)

Not established

pH

8.5 – 9.0

COEFFICIENT OF WATER/OIL DISTRIBUTION

Not available

SPECIFIC GRAVITY (H₂O = 1)

1.00

EVAPORATION RATE

(butyl acetate = 1) < 1

SOLUBILITY IN WATER

Complete

APPEARANCE AND ODOUR

Opaque white non-viscous liquid
Fresh fragrance

PERCENT SOLID BY WEIGHT

10-12

FREEZING POINT

Not available

ODOUR THRESHOLD

Not available

PHYSICAL STATE

GAS__ LIQUID X SOLID_____

SECTION IV: FIRE & EXPLOSION DATA

FLASH POINT

> 100 °C (212°F)

EXTINGUISHING MEDIA

Product does not support combustion. Not applicable

HAZARDOUS COMBUSTION PRODUCTS

Not established

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

METHOD USED

ASTM - D56

CONDITIONS OF FLAMMABILITY

FLAMMABLE LIMITS

Not established

AUTO-IGNITION TEMPERATURE

Not applicable

EXPLOSION DATA

Not applicable

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 Carbon dioxide, carbon monoxide

SECTION VI: TOXICOLOGICAL PROPERTIES

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

EXPOSURE LIMIT Not established for mixture.

EFFECTS OF ACUTE EXPOSURE:

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

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

INGESTION: Harmful if swallowed. Symptoms may include abdominal pain, nausea and diarrhea.

INHALATION: Breathing product mist may cause respiratory irritation.

EFFECTS OF CHRONIC EXPOSURE

This product contains ethylene glycol which may affect the kidneys and liver. Ingestion of large amounts of ethylene glycol has been shown to interfere with reproduction in animals.

IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY	
Eye & skin irritant	Not available	No	
REPRODUCTIVE TOXICITY	TERATOGENICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS
See above.	Not available	Not available	Not available

SECTION VII: PREVENTIVE MEASURE

PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS

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

LEAK AND SPILL PROCEDURE Small quantities may be flushed into sanitary sewer. Larger quantities should be picked up with inert absorbent material and disposed of in accordance with applicable regulations.

WASTE DISPOSAL METHOD Assure conformance with applicable regulations.

HANDLING PROCEDURES Avoid contact with eyes, skin or clothing. Avoid breathing product vapors or mist. Use with adequate ventilation. Do not taste or swallow. 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 Products

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 plenty of water for at least 15 minutes. Get medical attention if irritation persists. Wash contaminated clothing before reuse.

INGESTION: Do not induce vomiting. 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, move person to fresh air. Get medical attention if irritation persists.

SECTION IX: PREPARATION INFORMATION

DUST MOP/DUST CLOTH TREATMENT (BULK)

DATE OF PREPARATION: November 24, 2012

SUPERCEDES: November 24, 2009

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

TELEPHONE NUMBER 800/537-8990