

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

**SECTION I: PRODUCT INFORMATION**

**PRODUCT IDENTIFIER**

**SPARCUT NC**

**PRODUCT USE:** Soluble oil machining fluid

**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 <sup>3</sup>	STEL mg/m <sup>3</sup>	Ceiling mg/m <sup>3</sup>		
64742-52-5	30-40	Hydrotreated naphthenic oil	5 (oil mist)	----	----	Not available	Not available
64742-53-6	20-30	Hydrotreated naphthenic oil	5 (oil mist)	----	----	Not available	Not available
Proprietary	5-10	Potassium carboxylate	----	Not Established	----	Not available	Not available
Proprietary	5-10	Oleate fatty ester	----	Not Established	----	Not available	Not available
Proprietary	1-5	Alkyl succinate potassium salt	----	Not Established	----	Not available	Not available
Proprietary	1-5	Oleate polymeric ester	----	Not Established	----	Not available	Not available
34398-01-1	1-5	Alcohol ethoxylate	----	Not Established	----	Not available	Not available
112-80-1	1-5	Oleic acid	----	Not Established	----	Not available	Not available
Proprietary	1-5	Amine carboxylate salt	----	Not Established	----	Not available	Not available
4719-04-4	1-5	Hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine	----	Not Established	----	Not available	Not available

**SECTION III: PHYSICAL DATA**

**BOILING POINT**

> 149 °C (300 ° F)

**VAPOUR PRESSURE**

Not established

**VAPOUR DENSITY (AIR = 1)**

Not established

**pH**

10% Solution: 9.8-10.5

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1)**

0.977

**EVAPORATION RATE (butyl acetate = 1)**

< 1

**SOLUBILITY IN WATER**

Complete

**APPEARANCE AND ODOUR**

Brown liquid, mild amine odor

**PERCENT SOLID BY WEIGHT**

95-100%

**FREEZING POINT**

Not available

**ODOUR THRESHOLD**

Not available

**COEFFICIENT OF WATER/OIL DISTRIBUTION**

Not available

**PHYSICAL STATE**

GAS\_\_ LIQUID X SOLID\_\_\_\_\_

**SECTION IV: FIRE & EXPLOSION DATA**

**FLASH POINT**

> 110 °C (230°F)

**EXTINGUISHING MEDIA**

Water spray, CO<sub>2</sub> or dry chemical

**HAZARDOUS COMBUSTION PRODUCTS**

Carbon monoxide, carbon dioxide, sulfur oxides

**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**

Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.

**METHOD USED**

ASTM - D56

**CONDITIONS OF FLAMMABILITY**

Not applicable

**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, sulfur oxides

## SECTION VI: TOXICOLOGICAL PROPERTIES

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

### EXPOSURE LIMIT

Not established for mixture.

### EFFECTS OF ACUTE EXPOSURE:

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

**SKIN CONTACT:** Causes skin irritation with symptoms such as pain, redness and possible dermatitis.

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

**INHALATION:** Breathing product mist may cause respiratory irritation with symptoms such as coughing and difficulty breathing.

### EFFECTS OF CHRONIC EXPOSURE

Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe lung inflammation and other injury. The effects of prolonged or repeated exposure are not well established. Repeated overexposure may cause liver and kidney effects. No chronic health effects are expected from the intended use of this product.

### IRRITANCY OF PRODUCT

Causes eye & skin 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 natural rubber or other impervious gloves and splash goggles when handling undiluted product. Gloves are also recommended when working with diluted product for individuals with sensitive skin. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. If respiratory irritation cannot be prevented by ventilation, use of a NIOSH approved respirator suitable for the conditions of use and chemicals in Section II should be considered.

**LEAK AND SPILL PROCEDURE:** Dike and contain spills with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Do not use combustible materials such as sawdust. Keep spill out of storm sewers and waterways. 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 compliance with laws and regulations.

**HANDLING PROCEDURES:** Do not get in eyes, on skin or on clothing. Avoid breathing product mist. Do not swallow. Wash thoroughly after handling.

**STORAGE REQUIREMENTS:** Store in a cool dry place. Keep containers sealed and stored upright when not in use. Do not mix with other chemicals. Keep out of reach of children.

**SPECIAL SHIPPING INFORMATION:** Not regulated. Shipping Description: Compounds, metal cutting, liquids, n.o.s.

## SECTION VIII: FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.

**SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.

**INGESTION:** Do not induce vomiting. Get medical attention immediately.

**INHALATION:** Move person to fresh air. Get medical attention if irritation persists.

## SECTION IX: PREPARATION INFORMATION

**SPARCUT NC**

**DATE OF PREPARATION:** June 1, 2007

**SUPERCEDES:** February 24, 1997

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

**TELEPHONE NUMBER:** 800/537-8990