



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 06-Sep-2017

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name:** CUTTER EXP HW  
**Product Number:** 2925  
**Recommended Use:** Cutting fluid  
**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
[www.spartanchemical.com](http://www.spartanchemical.com)

**24 Hour Emergency Phone Numbers:**

**Medical Emergency/Information:** 888-314-6171  
**Transportation/Spill/Leak:** CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

Acute toxicity - Inhalation (Dusts/Mists) Category 4  
Skin Corrosion/Irritation: Category 2  
Serious Eye Damage/Eye Irritation: Category 1  
Skin Sensitization: Category 1  
Effects on or via Lactation: Effects on or via Lactation:  
Specific Target Organ Toxicity (Single Exposure): Category 2  
Aspiration Toxicity: Category 1

**GHS Label Elements**

**Signal Word:**

**Symbols:**

**Danger**



**Hazard Statements:**

Harmful if inhaled.  
Causes skin irritation.  
Causes serious eye damage  
May cause an allergic skin reaction  
May cause damage to organs  
May cause harm to breast-fed children  
May be fatal if swallowed and enters airways

**Precautionary Statements:**

|  |   |
|--|---|
| <b>Prevention:</b>                       | Obtain special instructions before use<br>Do not breathe mist, vapors or spray.<br>Avoid contact during pregnancy/while nursing<br>Wash hands and any exposed skin thoroughly after handling.<br>Do not eat, drink or smoke when using this product<br>Use only outdoors or in a well-ventilated area<br>Wear protective gloves. Wear eye / face protection. Wear protective clothing.<br>Contaminated work clothing should not be allowed out of the workplace |
| <b>Response:</b>                         | <b>If exposed or concerned: Get medical attention.</b>  |
| <b>-Eyes</b>                             | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.   |
| <b>-Skin</b>                             | IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical attention.   |
| <b>-Inhalation:</b>                      | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell  |
| <b>-Ingestion:</b>                       | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting.  |
| <b>-Specific Treatment:</b>              | See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.   |
| <b>Storage:</b>                          | Store locked up.  |
| <b>Disposal:</b>                         | Dispose of contents and container in accordance with local, state and federal regulations.  |
| <b>Hazards Not Otherwise Classified:</b> | Not Applicable  |
| <b>Other Information:</b>                | <ul style="list-style-type: none"> <li>• May be harmful if swallowed.</li> <li>• Keep out of reach of children.</li> <li>• NOTE TO PHYSICIAN:</li> <li>• Contains petroleum distillates. Possible aspiration hazard.</li> </ul>   |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                                     | CAS No       | Weight-% |
|---|--------------|----------|
| petroleum distillates                             | 64742-52-5   | 30-60    |
| chlorinated paraffin                              | 1372804-76-6 | 10-30    |
| carboxylic acid amine salt                        | 68953-28-6   | 3-7      |
| 2-butylaminoethanol                               | 111-75-1     | 1-5      |
| hexahydro-1,3,5-tris (2-hydroxy-ethyl)-s-triazine | 4719-04-4    | 1-5      |
| alcohol ethoxylate                                | 34398-01-1   | 1-5      |
| water   | 7732-18-5    | 1-5      |
| oleic acid  | 112-80-1     | 1-5      |

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

|                            |   |
|----------------------------|---|
| <b>-Eye Contact:</b>       | Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. |
| <b>-Skin Contact:</b>      | Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical attention.                       |
| <b>-Inhalation:</b>        | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.                      |
| <b>-Ingestion:</b>         | IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Do NOT induce vomiting.  |
| <b>Note to Physicians:</b> | Contains petroleum distillates. Possible aspiration hazard.   |

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide, Foam, Dry chemical

|   |   |
|---|---|
| <b>Specific Hazards Arising from the Chemical:</b>            | Thermal decomposition can lead to release of irritating and toxic gases and vapors.   |
| <b>Hazardous Combustion Products:</b>                         | May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.   |
| <b>Protective Equipment and Precautions for Firefighters:</b> | Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray. |

## 6. ACCIDENTAL RELEASE MEASURES

|                                   |   |
|-----------------------------------|---|
| <b>Personal Precautions:</b>      | Use personal protective equipment as required. Avoid contact with eyes and skin. Avoid contact with skin, eyes or clothing.   |
| <b>Environmental Precautions:</b> | Do not rinse spill onto the ground, into storm sewers or bodies of water.   |
| <b>Methods for Containment:</b>   | Prevent further leakage or spillage if safe to do so.   |
| <b>Methods for Clean-Up:</b>      | Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). |

## 7. HANDLING AND STORAGE

|                                 |  |
|---------------------------------|--|
| <b>Advice on Safe Handling:</b> | Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Do not breathe mist, vapors or spray. |
| <b>Storage Conditions:</b>      | Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep from freezing.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|   |   |
|---|---|
| <b>Occupational Exposure Limits:</b>        | None established.   |
| <b>Engineering Controls:</b>                | Provide good general ventilation.<br>If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered. |
| <b><u>Personal Protective Equipment</u></b> |   |
| <b>Eye/Face Protection:</b>                 | Wear splash goggles.  |
| <b>Skin and Body Protection:</b>            | Wear rubber or other chemical-resistant gloves.   |
| <b>Respiratory Protection:</b>              | Not required with expected use.<br>If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.                |
| <b>General Hygiene Considerations:</b>      | Wash hands and any exposed skin thoroughly after handling.<br>See 29 CFR 1910.132-138 for further guidance.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                              |
|--|------------------------------|
| <b>Appearance/Physical State:</b>      | Liquid                       |
| <b>Color:</b>                          | Brown                        |
| <b>Odor:</b>                           | Mild Amine odor              |
| <b>pH:</b>                             | 10.0-10.8 (10% emulsion)     |
| <b>Melting Point / Freezing Point:</b> | No information available.    |
| <b>Boiling Point / Boiling Range:</b>  | > 149 °C / 300 °F            |
| <b>Flash Point:</b>                    | > 110 °C / > 230 °F ASTM D56 |
| <b>Evaporation Rate:</b>               | < 1 (BuAc = 1)               |
| <b>Flammability (solid, gas)</b>       | No information available.    |
| <b>Upper Flammability Limit:</b>       | No information available.    |
| <b>Lower Flammability Limit:</b>       | No information available.    |
| <b>Vapor Pressure:</b>                 | No information available.    |
| <b>Vapor Density:</b>                  | No information available.    |
| <b>Specific Gravity:</b>               | 0.997                        |
| <b>Solubility(ies):</b>                | Miscible in water            |
| <b>Partition Coefficient:</b>          | No information available.    |
| <b>Autoignition Temperature:</b>       | No information available.    |
| <b>Decomposition Temperature:</b>      | No information available.    |
| <b>Viscosity:</b>                      | No information available.    |

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Reactivity:</b>                         | This material is considered to be non-reactive under normal conditions of use.                  |
| <b>Chemical Stability:</b>                 | Stable under normal conditions.   |
| <b>Possibility of Hazardous Reactions:</b> | Not expected to occur with normal handling and storage.   |
| <b>Conditions to Avoid:</b>                | Extremes of temperature and direct sunlight.  |
| <b>Incompatible Materials:</b>             | Strong oxidizing agents. Strong acids.  |
| <b>Hazardous Decomposition Products:</b>   | May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors. |

## 11. TOXICOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>Likely Routes of Exposure:</b>          | Eyes, Skin, Ingestion, Inhalation.  |
| <b>Symptoms of Exposure:</b>               |   |
| <b>-Eye Contact:</b>                       | Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage. |
| <b>-Skin Contact:</b>                      | Pain, redness and cracking of the skin. May cause sensitization by skin contact                       |
| <b>-Inhalation:</b>                        | Nasal discomfort and coughing.  |
| <b>-Ingestion:</b>                         | Pain, nausea, vomiting and diarrhea. Potential for aspiration if swallowed.                           |
| <b>Immediate, Delayed, Chronic Effects</b> |   |
| <b>Product Information:</b>                | Data not available or insufficient for classification.  |
| <b>Chronic Toxicity:</b>                   | Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.   |

### Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

|                                |            |
|--------------------------------|------------|
| ATEmix (oral):                 | 2815 mg/kg |
| ATEmix (dermal):               | 2924 mg/kg |
| ATEmix (inhalation-dust/mist): | 3.9 mg/l   |

### Component Acute Toxicity Information

| Chemical Name                        | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|--------------------------------------|----------------------|-------------------------|-----------------|
| petroleum distillates<br>64742-52-5  | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | Not Available   |
| chlorinated paraffin<br>1372804-76-6 | = 2000 mg/kg ( Rat ) | Not Available           | Not Available   |
| 2-butylaminoethanol<br>111-75-1      | = 1150 mg/kg ( Rat ) | Not Available           | Not Available   |

|   |                     |               |               |
|---|---------------------|---------------|---------------|
| hexahydro-1,3,5-tris<br>(2-hydroxy-ethyl)-s-triazine<br>4719-04-4 | = 763 mg/kg ( Rat ) | Not Available | Not Available |
| water<br>7732-18-5  | > 90 mL/kg ( Rat )  | Not Available | Not Available |
| oleic acid<br>112-80-1  | = 25 g/kg ( Rat )   | Not Available | Not Available |

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

### Ecotoxicity

| Chemical Name                       | Algae/Aquatic Plants | Fish  | Toxicity to Microorganisms | Crustacea                             |
|-------------------------------------|----------------------|---|----------------------------|---------------------------------------|
| petroleum distillates<br>64742-52-5 | Not Available        | 5000: 96 h Oncorhynchus<br>mykiss mg/L LC50       | Not Available              | 1000: 48 h Daphnia magna<br>mg/L EC50 |
| oleic acid<br>112-80-1              | Not Available        | 205: 96 h Pimephales<br>promelas mg/L LC50 static | Not Available              | Not Available                         |

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes:** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT:** Not Regulated

**Proper Shipping Name:** Non Hazardous Product

**Special Provisions:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

**Marine Pollutant:** This product contains a chemical which is listed as a severe marine pollutant according to DOT.

**IMDG:** Not Regulated

**Proper Shipping Name:** Non Hazardous Product

**Marine Pollutant:** This product contains a chemical which is listed as a severe marine pollutant according to DOT.

## 15. REGULATORY INFORMATION

**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### SARA 313

This product does not contain listed substances above the "de minimus" level

### SARA 311/312 Hazard Categories

|   |     |
|---|-----|
| <b>Acute Health Hazard:</b>               | Yes |
| <b>Chronic Health Hazard:</b>             | Yes |
| <b>Fire Hazard:</b>                       | No  |
| <b>Sudden release of pressure hazard:</b> | No  |
| <b>Reactive Hazard:</b>                   | No  |

**California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

**16. OTHER INFORMATION**

|             |                    |                 |                     |              |
|-------------|--------------------|-----------------|---------------------|--------------|
| <u>NFPA</u> | Health Hazards: 2  | Flammability: 1 | Instability: 0      | Special: N/A |
| <u>HMS</u>  | Health Hazards: 2* | Flammability: 1 | Physical Hazards: 0 |              |

Revision Date: 06-Sep-2017  
Reasons for Revision: Section 2, 3 and 11

**Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**