

## Safety Data Sheet

### Section 1: Identification

|  |   |
|--|---|
| <b>Product Identifier/Name</b>   | ▪ <b>Hocut WS GP</b>  |
| <b>Product code</b>  | ▪ 10224   |
| <b>Relevant identified uses of the substance or mixture and uses advised against</b> |   |
| <b>Recommended use</b>   | ▪ Water dilutable metal-working fluid   |
| <b>Restrictions on use</b>   | ▪ For intended industrial use only  |
| <b>Details of the supplier of the safety data sheet</b>                              |   |
| <b>Manufacturer</b>  | ▪ Commonwealth Oil Corporation,<br>2080 Ferriss Rd N. P.O. Box 370<br>Harrow, ON NOR 1G0<br>Canada<br>www.commonwealthoil.com |
| <b>Telephone (General)</b>   | ▪ (800) 265-3689  |
| <b>Emergency telephone number</b>  | ▪ CANUTEC (613) 996-6666 Collect 24 hr  |

### Section 2: Hazard Identification

#### Classification of the substance or mixture

In accordance with 29 CFR 1910.1200 OSHA HCS 2012 and the Canadian Hazardous Products Regulations and WHIMIS 2015

Skin Corrosion/Irritation Category 2

Eye Damage/Irritation Category 1

#### Label elements

Signal word

**DANGER**

Hazard symbol



#### Hazard statements

H318 ▪ Causes serious eye damage

H315 ▪ Causes skin irritation

#### Precautionary statements

##### Prevention

P280.4 ▪ Wear protective gloves, eye protection and protective clothing.

P264 ▪ Wash hands thoroughly after handling.

##### Response

P305+P351+P338 ▪ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 ▪ Immediately seek medical attention

P302+P352 ▪ IF ON SKIN: Wash with plenty water.

P321 ▪ Specific treatment (see Section 4 of this SDS)

P362+P364 ▪ Take off contaminated clothing and wash it before reuse.

P332+P364 ▪ If skin irritation occurs: Get medical advice/attention

- Storage**
  - Not applicable
- Disposal**
  - P501 ▪ Dispose of contents/containers in accordance with local/national regulations
- Hazards not otherwise classified**
  - Not applicable
- Other hazards**
  - 13% of the mixture consists of ingredients of unknown toxicity.

### Section 3: Composition/Information on Ingredients

- Substances**
  - Not applicable
- Mixture**

#### Hazardous Components

| Chemical Name  | %(Wt.) | CAS #     |
|--|--------|-----------|
| Monoethanolamine   | 1 to 5 | 141-43-5  |
| 2,2',2''-(hexahydro-1,3,5-triazine-11,3,5-triyl)triethanol | 1 to 5 | 4719-04-4 |

Actual concentration withheld as a trade secret.

### Section 4: First-Aid Measures

#### Description of first aid measures

- Inhalation**
  - IF INHALED: Move victim to fresh air if adverse effects are observed.
- Skin**
  - IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.
- Eye**
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion**
  - Do NOT induce vomiting. Seek medical attention.

#### Most important symptoms and effects

- Acute**
  - Inhalation of concentrate mist may cause respiratory irritation.
  - Direct contact with product concentrate may cause skin or eye damage.
- Delayed**
  - Prolonged/repeated exposure may cause skin irritation or allergic reaction in susceptible individuals

#### Indication of any immediate medical attention and special treatment needed

- Note to Physician**
  - All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

### Section 5: Fire-Fighting Measures

#### Extinguishing media

- Suitable Extinguishing Media**
  - Regular foam, carbon dioxide, dry chemical.
- Unsuitable Extinguishing Media**
  - Avoid the use of streaming water, as this may spread the fire.

#### Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
  - Product boils and foams excessively when heated above 200°F.
- Hazardous Combustion Products**
  - Smoke, soot, fumes or vapors, oxides of carbon and nitrogen, various hydrocarbons.

**Special Protective Equipment and Precautions for Firefighters**

- Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Water spray may be used to cool containers exposed to fire.

**Section 6: Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

- Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material.

**Environmental precautions**

- Avoid run off to waterways and sewers.

**Methods and material for containment and cleaning up**

**Containment/Clean-up Measures**

- Recover free liquid for recycle or disposal. Add absorbent to spill area.  
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

**Section 7: Handling and Storage**

**Precautions for safe handling**

**Handling**

- Do not mix or store with strong oxidants. Wash hands thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.

**Conditions for safe storage, including any incompatibilities**

**Storage**

- Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep away from open flame and incompatible materials such as strong oxidizers.

**Incompatible Materials**

- Contains alkanolamine. Do not mix with or add nitrites as this could form nitrosamines, some of which are animal carcinogens.

**General Industrial Hygiene Considerations**

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating or drinking. Safety shower and eye wash should be available close to work station.

**Environmental Exposure Controls**

- Follow best practice for site management and disposal of waste. Avoid release to the environment.

**Section 8: Exposure Controls/Personal Protection**

**Exposure Controls**

**PEL/TLV**

| Ingredient       | OSHA (TWA)                  | ACGIH (TWA)      | Other (TWA)                       |
|------------------|-----------------------------|------------------|-----------------------------------|
| Monoethanolamine | 3 ppm - 8 mg/m <sup>3</sup> | 3 ppm STEL 6 ppm | NIOSH 3 ppm - 8 mg/m <sup>3</sup> |

**Engineering Measures/Controls**

- Use adequate mechanical (general) ventilation or local exhaust as needed to control concentration of airborne contaminants below applicable exposure limit values.

## Personal Protective Equipment

### Pictograms



### Respiratory

- Not necessary under conditions of normal use. In case of insufficient ventilation, wear suitable respiratory equipment if exposure limits are exceeded.

### Eye/Face

- Wear safety goggles.

### Hands

- Wear protective gloves- neoprene, butyl or nitrile rubber with cuffs.

### Skin/Body

- Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

## Section 9: Physical and Chemical Properties

### Information on physical and chemical properties

|                                     |                    |
|-------------------------------------|--------------------|
| Appearance                          | Clear green liquid |
| Odor                                | Mild               |
| Odor Threshold                      | Not Determined     |
| pH                                  | 10                 |
| Melting Point/Freezing Point        | ~ 0°C/32°F         |
| Boiling Point                       | ~ 100°C/212°F      |
| Flash Point                         | Non-combustible    |
| Evaporation Rate                    | Equal to water     |
| Flammability (solid, gas)           | Not Applicable     |
| Flammability Limits                 | Not Determined     |
| Vapor Pressure                      | Nil                |
| Vapor Density (Air=1)               | >1                 |
| Specific Gravity                    | 1.00               |
| Solubilities                        | Soluble in water   |
| Octanol/Water Partition coefficient | Not Determined     |
| Auto ignition temperature           | Not Determined     |
| Decomposition temperature           | Not Determined     |
| Viscosity                           | Not determined     |

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable under normal temperatures and pressures.

### Possibility of hazardous reaction

- Not Determined

### Conditions to avoid

- Not Determined

### Incompatible materials

- Do not mix with strong oxidants.

### Hazardous decomposition products

- None known under normal use.

## Section 11: Toxicological Information

### Information on the likely routes of exposure; symptoms; and acute, delayed and chronic effects

- Inhalation**
  - Overexposure to mists or vapors may irritate respiratory tract.
- Ingestion**
  - Ingestion of concentrate may cause gastrointestinal irritation.
- Eye**
  - Direct contact with concentrate may cause serious skin or eye damage based on component information.
- Skin corrosion/irritation**
  - Prolonged/repeated exposure to concentrate may cause skin irritation or allergic reaction in some individuals.

### Numerical measures of toxicity

|  |   |
|--|---|
| <b>Acute toxicity</b>                    | Not Classified                                |
| <b>Skin corrosion/irritation</b>         | Skin irritant Category 2 - 1 to 5% of mixture |
| <b>Serious eye damage/irritation</b>     | Eye irritant Category 1 - 1 to 5% of mixture  |
| <b>Respiratory or skin sensitization</b> | Not classified                                |
| <b>Germ cell mutagenicity</b>            | Not Classified                                |
| <b>Carcinogenicity</b>                   | Not Classified                                |
| <b>Reproductive toxicity</b>             | Not Classified                                |
| <b>STOT-single exposure</b>              | Not Classified                                |
| <b>STOT-repeated exposure</b>            | Not Classified                                |
| <b>Aspiration hazard</b>                 | Not Classified                                |

- Carcinogenicity**
  - Not listed in NTP, OSHA, or IARC monographs.

- Additional Information**
  - Practical experience has not demonstrated any adverse effects with normal use dilutions of this product.

## Section 12: Ecological Information

- Toxicity**
  - Not determined.
- Persistence and degradability**
  - Not determined.
- Bioaccumulative potential**
  - Not determined.
- Mobility in Soil**
  - Liquid soluble in water.
- Other adverse effects**
  - Not determined.

## Section 13: Disposal Considerations

### Waste treatment methods

- Product waste**
  - Do not discard into any sewers, on the ground, or any body of water.
  - Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
  - This product, as manufactured in its present state, is not considered to be a hazardous waste according to 40CFR 261.4(b)(4). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product should be recycled if possible, otherwise it should be disposed of in accordance with all applicable federal, state, and local regulations.

**Contaminated containers or packaging**

- Contaminated containers should be offered for professional cleaning before reuse.
- Dispose of spent container in accordance with local, regional, national, and/or international regulations.

**Section 14: Transport Information**

- UN Number** ▪ Not regulated
- UN Proper Shipping Name** ▪ Not Applicable
- Transport Hazard Class(es)** ▪ Not Applicable
- Packing Group** ▪ Not Applicable
- Environmental Hazards** ▪ Not Determined
- Transport in Bulk** ▪ Not Regulated
- Special Precautions for user** ▪ None Specified

**Section 15: Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Global Chemical Inventories**

|                        |   |
|------------------------|---|
| <b>USA</b>             | All components of this material are on the US TSCA Inventory or are exempt. |
| <b>Other TSCA Reg.</b> | TBD   |
| <b>Australia</b>       | Not determined.   |
| <b>Canada</b>          | All components of this material are on the DSL                              |
| <b>China</b>           | Not determined.   |
| <b>EU</b>              | Not determined.   |
| <b>Japan</b>           | Not determined.   |
| <b>Korea</b>           | Not determined.   |
| <b>New Zealand</b>     | Not determined.   |
| <b>Switzerland</b>     | Not determined.   |

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**Other U.S. Federal Regulations**

**SARA Ext. Haz. Subst.**

- This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

**SARA Section 313**

- This product does not contain greater than 1.0% (> 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

**SARA 311 Classifications**

|                   |     |
|-------------------|-----|
| Acute Hazard      | Yes |
| Chronic Hazard    | No  |
| Fire Hazard       | No  |
| Reactivity Hazard | No  |

**CERCLA Hazardous Substances**

- None known.

**FDA Approval**

- Not Applicable.

## State Regulations

### Cal. Prop. 65

- This product contains a chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

| Chemical Name   | CAS No   | California Prop 65        |
|-----------------|----------|---------------------------|
| Diethanolamine  | 111-42-1 | Carcinogen                |
| 1,4-Dioxane     | 123-91-1 | Carcinogen                |
| Propylene oxide | 75-56-9  | Carcinogen                |
| Ethylene oxide  | 75-21-8  | Carcinogen, Developmental |

## Section 16: Other Information

### HMIS Ratings

|                     |   |
|---------------------|---|
| Health              | 1 |
| Flammability        | 0 |
| Physical Hazard     | 0 |
| Personal Protection | B |

### NFPA Ratings

|              |   |
|--------------|---|
| Health       | 1 |
| Flammability | 0 |
| Reactivity   | 0 |

## Acronyms/Abbreviations

- **NTP**- National Toxicology Program Report on Carcinogens (latest edition)
- **IARC**- International Agency for the Research on Cancer
- **TSCA**- Toxic Substance Control Agency

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