

## Safety Data Sheet



## Section 1: Identification

### Product identifier

**Product Name** Hasco CG 520

### Relevant identified uses of the substance or mixture

**Recommended use** Cutting and Grinding Fluid

### Details of the supplier of the safety data sheet

**Manufacturer** Hasco Oil Company Inc.  
2800 Temple Ave  
Long Beach, CA 90806  
United States  
www.hascooil.com

**Telephone (General)** (562) 595-8491

### Emergency telephone number

**Manufacturer** (800) 424-9300 - Chemtrec USA

## Section 2: Hazard Identification

### UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

### Classification of the substance or mixture

**UN GHS** Skin Irritation 2  
Reproductive Toxicity 2  
Hazardous to the aquatic environment Acute 3  
Hazardous to the aquatic environment Chronic 1

### Label elements

**UN GHS**

### WARNING



**Hazard statements** Harmful to aquatic life  
Very toxic to aquatic life with long lasting effects  
May cause eye irritation.

**Precautionary statements**

**Prevention** Wash thoroughly after handling.  
 Avoid release to the environment.  
 Wear protective gloves/protective clothing/eye protection/face protection.

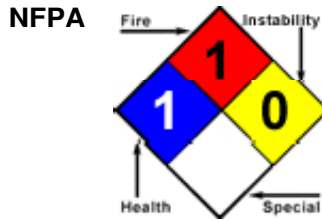
**Response** IF ON SKIN: Wash with plenty of soap and water.  
 IF exposed or concerned: Get medical advice/attention.  
 If skin irritation occurs: Get medical advice/attention.  
 Take off contaminated clothing and wash before reuse.  
 Collect spillage.

**Storage/Disposal** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Other hazards**

**UN GHS** No data available

**Other information**



**Section 3 - Composition/Information on Ingredients**

**Substances**

**Mixtures**

Composition		
Chemical Name	Identifiers	%
Chloro alkanes	CAS:61788-76-9	30% TO 40%
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	CAS:64742-54-7	20% TO 30%
Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	CAS:64742-53-6	20% TO 30%

**Section 4: First-Aid Measures**

**Description of first aid measures**

**Inhalation** If inhaled, remove to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention.

**Skin** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Eye** If contact with eyes directly, immediately flush eyes with plenty of water for at least 15 minutes.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** Use an extinguishing agent suitable for surrounding fire. Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable Extinguishing Media** Do not use water jet.

**Firefighting Procedures** No actions shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

### Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards** No data available

**Hazardous Combustion Products** Combustion products may include the following: halogenated compounds, carbon oxides (CO, CO<sub>2</sub>) (carbon monoxide, carbon dioxide), sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub> etc)

### Advice for firefighters

Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas. Do not walk through spilled material.

**Emergency Procedures** Keep unauthorized personnel away. As an immediate precautionary measure, isolate spill or leak area in all directions.

### Environmental precautions

**LARGE SPILLS:** Prevent entry into waterways, sewers, basements or confined areas. Avoid contact of spilled material with soil and prevent runoff entering surface waterways.

### Methods and material for containment and cleaning up

**Containment/Clean-up Measures** No data available

## Section 7 - Handling and Storage

### Precautions for safe handling

**Handling** Avoid contact with skin and clothing. Avoid contact with eyes. Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

**Storage** Store in accordance with local regulations. Store away from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials (see section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

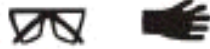
**Exposure Limits/Guidelines** No data available.

### Exposure controls

**Engineering Measures/Controls** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Personal Protective Equipment

#### Pictograms



#### Respiratory

Use only in adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.

#### Eye/Face

Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with eyes.

#### Hands

Wear protective gloves/protective clothing/eye protection/face protection.

#### Skin/Body

Wear protective gloves/protective clothing/eye protection/face protection.

#### Environmental Exposure Controls

No data available

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Liquid
Color	Dark Brown	Odor	Mild.
Taste	Not relevant	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Not relevant	Physical and Chemical Properties	Liquid
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	No data available
pH	Not relevant	Specific Gravity/Relative Density	0.97 to 1.01 @ 60 F(15.5 C)
Density	8.08 lbs / gal	Bulk Density	Not relevant
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	173 to 211 Saybolt Universal Seconds (SUS) @ 100 F(37.7C)	Explosive Properties	Not relevant
Oxidizing Properties:	Not relevant		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Wt.)	No data available
VOC (Vol.)	19.5 g/L	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
Flammability			

Flash Point	345 F(173.9 C) COC (Cleveland Open Cup)	UEL	No data available
LEL	No data available	Flame Duration	Not relevant
Heat of Combustion (ΔHc)	No data available	Burning Time	Not relevant
Flame Height	No data available	Flame Extension	Not relevant
Ignition Distance	No data available	Self-Accelerating Decomposition Temperature (SADT)	Not relevant
Autoignition	No data available	Flammability (solid, gas)	No data available
<b>Environmental</b>			
Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of water/oil distribution	Not relevant	Bioaccumulation Factor	Not relevant
Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant
Chemical Oxygen Demand	Not relevant	Persistence	Not relevant
Degradation	Not relevant		

**Section 10: Stability and Reactivity**

**Reactivity**

No dangerous reaction known under conditions of normal use.

**Chemical stability**

Stable

**Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**Conditions to avoid**

Avoid all possible sources of ignition (spark or flame).

**Incompatible materials**

This product may react with strong oxidizing agents.

**Hazardous decomposition products**

No data available.

**Section 11 - Toxicological Information**

**Information on toxicological effects**

GHS Properties	Classification
Acute toxicity	UN GHS•
Aspiration Hazard	UN GHS•
Carcinogenicity	UN GHS•
Germ Cell Mutagenicity	UN GHS•
Skin corrosion/Irritation	UN GHS• Skin Irritation 2
Skin sensitization	UN GHS•
STOT-RE	UN GHS•

<b>STOT-SE</b>	<b>UN GHS •</b>
<b>Toxicity for Reproduction</b>	<b>UN GHS • Toxic to Reproduction 2</b>
<b>Respiratory sensitization</b>	<b>UN GHS •</b>
<b>Serious eye damage/Irritation</b>	<b>UN GHS •</b>

**Potential Health Effects**

**Inhalation**

**Acute (Immediate)** No data available  
**Chronic (Delayed)** No data available

**Skin**

**Acute (Immediate)** May cause skin irritation.  
**Chronic (Delayed)** No data available

**Eye**

**Acute (Immediate)** May cause eye irritation.  
**Chronic (Delayed)** No data available

**Ingestion**

**Acute (Immediate)** May cause irritation.  
**Chronic (Delayed)** No data available

**Section 12 - Ecological Information**

**Toxicity**

Data lacking.

**Persistence and degradability**

No data available.

**Bioaccumulative potential**

No data available

**Mobility in Soil**

No data available

**Other adverse effects**

**Section 13 - Disposal Considerations**

**Waste treatment methods**

**Product waste**

Avoid contact of spilled material with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.

**Packaging waste**

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	<b>UN number</b>	<b>UN proper shipping name</b>	<b>Transport hazard class(es)</b>	<b>Packing group</b>	<b>Environmental hazards</b>
<b>DOT</b>	NDA	Not Regulated	NDA	NDA	NDA
<b>IMO/IMDG</b>	UN3082	UN3082, Environmentally Hazardous substance, liquid, n.o.s. (C14-C17 Chlorinated Paraffin)	9	III	Marine Pollutant
<b>IATA/ICAO</b>	NDA	Not Regulated	NDA	NDA	NDA

**Special precautions for user** No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**Other information**

**Section 15 - Regulatory Information**

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

Inventory		
Component	CAS	TSCA
Chloro alkanes	61788-76-9	Yes
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Yes
Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Yes

**Mexico**

**Environment**

**Mexico - Ecological Criteria for Water Quality - Agricultural Irrigation**

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

**Mexico - Ecological Criteria for Water Quality - Drinking Water Supply Source**

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

**Mexico - Ecological Criteria for Water Quality - Protection of Fresh Water Aquatic Life**

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

**Mexico - Ecological Criteria for Water Quality - Protection of Marine Water Aquatic Life**

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

**Mexico - Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities**

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

**Mexico - Wastewater Discharges - Maximum Limits into Coastal Waters**

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

**Mexico - Wastewater Discharges - Maximum Limits into Natural and Artificial Dams**

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed



**Mexico - Wastewater Discharges - Maximum Limits into Rivers**

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

**Mexico - Wastewater Discharges - Maximum Limits into Soil**

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

**Mexico - Wastewater Discharges - Maximum Limits into Wetlands**

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

**Other**

**Mexico - Hazard Classifications**

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

**Mexico - Regulated Substances**

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

**Other Information:**

CALIFORNIA PROPOSITION 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

This product contains materials on the Massachusetts Right-to-Know Act substance list.

**Disclaimer/Statement of Liability**

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