

Safety Data Sheet



Section 1: Identification

Product Name Hasco Pure Cut 1010
Relevant identified uses of the substance or mixture
Recommended use Cutting Oil Oil
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)

UN GHS Not hazardous according to classification criteria.

Label elements

UN GHS None needed according to classification criteria

Precautionary Statements

Prevention Avoid breathing fumes, gas, mist, vapors and/or spray.
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Use personal protective equipment as required.

Response If on skin: Wash with plenty of soap and water.
 If inhaled: Remove person to fresh air.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.

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

NFPA



Section 3 - Composition/Information on Ingredients

Composition		
Chemical Name	Identifiers	%
Distillates, hydrotreated heavy paraffin C20 – C50	CAS: 64742-54-7	50 -65%
Distillates, hydrotreated Light paraffin C15 – C30	CAS: 64742-55-8	< 30%
Ester Derivative	Proprietary	5 – 10%

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 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 give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

No data available

Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media Dry chemicals, carbon dioxide, foam, or water spray is recommended.

Unsuitable Extinguishing Media Do not use water jet.

Firefighting Procedures Water or foam may cause frothing of materials heated above 212F. Carbon dioxide can displace oxygen, use caution when applying carbon dioxide in confined spaces. 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. Keep unauthorized personnel away.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards	No data available.
Hazardous Combustion Products	Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.
Advice for firefighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
Emergency Procedures	Stop the source of the release if you can do it without risk. As an immediate precautionary measure, isolate spill or leak area in all directions. Keep unauthorized personnel away.

Environmental precautions

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

If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

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. Do not use or store near heat or open flame. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.
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Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed when not in use. Keep container in a cool, well ventilated area. Empty containers may contain harmful and / or combustible vapors. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.
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Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits

Chemical name	OSHA PEL	STEL	Other Limits
Oil Mist, if generated	5 mg/m ³	10 mg/m ³	

Protective Measures:

Provide easy access to water supply and eye wash facilities. Good general ventilation should be provided. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from supervisor on the company's respiratory protection standards.

Eye Protection:

Wear safety glasses with side shields (or goggles).

Skin and Body Protection:

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Contaminated work clothing should be laundered prior to re-use. Discard contaminated footwear that cannot be cleaned. Avoid contact with skin, eyes, and clothing.

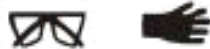
Exposure controls

Engineering Measures/Controls

Prevent vapor build up by providing adequate ventilation during and after use.

Personal Protective Equipment

Pictograms



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	Colorless to Slight Amber	Odor	Mild Petroleum odor
Taste	Not relevant	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Not relevant	Physical and Chemical Properties	Not relevant
General Properties			
Boiling Point	> 600F	Melting Point	No Data Available
Decomposition Temperature	No Data Available	Heat of Decomposition	No Data Available

pH	Not relevant	Specific Gravity/Relative Density	~0.847 @ 60 F(15.5 C)
Density	~7.05 lbs/gal @ 60 F(15.5 C)	Bulk Density	No Data Available
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	> 21 Centistoke @ 104 F(40 C)	Explosive Properties	No Data Available
Oxidizing Properties:	No Data Available		
Volatility			
Vapor Pressure	<0.01 mmHg @ 37.8C	Vapor Density	>1 (Air =1.0)
Evaporation Rate	No Data Available	VOC (Wt.)	No Data Available
VOC (Vol.)	~ 9 g/L	Volatiles (Wt.)	No Data Available
Flash Point	>330 F(160 C) COC (Cleveland Open Cup)	UEL	No Data Available
LEL	No Data Available	Autoignition	No Data Available
Self-Accelerating Decomposition Temperature	No Data Available	Heat of Combustion (ΔHc)	No Data Available
Burning Time	No Data Available	Flame Height	No Data Available
Flame Extension	No Data Available	Ignition Distance	No Data Available
Flame Duration	No Data Available	Flammability (solid, gas)	No Data Available
Environmental			
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

Section 10: Stability and Reactivity

- Reactivity** No dangerous reaction known under conditions of normal use.
- Chemical stability** Stable
- Possibility of hazardous reactions** Hazardous polymerization not indicated.
- Conditions to avoid** Long term heat exposure
- Incompatible materials** This product may react with strong oxidizing agents.
- Hazardous decomposition products**

Thermal decomposition can lead to release of irritating gases and vapors. Carbon dioxide, carbon monoxide.

Section 11 - Toxicological Information

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 sensitization	UN GHS •
STOT-RE	UN GHS •
STOT-SE	UN GHS •
Toxicity for Reproduction	UN GHS •
Respiratory sensitization	UN GHS •
Serious eye damage/Irritation	UN GHS •

Route(s) of entry/exposure Inhalation, Skin, Eye, Ingestion/Oral

Potential Health Effects

Inhalation

Acute (Immediate) Not expected to be a hazard for static vapor at ambient temperatures.
Chronic (Delayed) No data available

Skin

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

Eye

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

Ingestion

Acute (Immediate) May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic (Delayed) No data available

Other information

No data available

Section 12 - Ecological Information

Toxicity No data available

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in Soil No data available.

Other adverse effects

Ecological Fate No data available.

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

	UN number	UN proper shipping	Transport hazard class (es)	Packing group	Environmental hazards
DOT		Not Regulated			
IMO/IMDG		Not Regulated			
IATA/ICAO		Not Regulated			

Special precautions for user No data available

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

Other information No data available

Section 15 - Regulatory Information

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

SARA Hazard Classifications No data available

TSCA Inventory: All the components of this product are listed on, or are automatically included as 'natural occurring chemical substances on, or are exempted from the requirements to be listed on the TSCA inventory.

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 New Jersey Worker and Community Right-to-Know Act

Section 16 - Other Information

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