

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name Hasco Base Cut 005

Relevant identified uses of the substance or mixture

Recommended use Cutting 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 mixture

UN GHS Aspiration 1

Label elements

UN GHS

DANGER



Hazard statements May be fatal if swallowed and enters airways

Precautionary Statements

Prevention Avoid breathing dust, fume, gas, mist, vapors and/or spray.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Store locked up

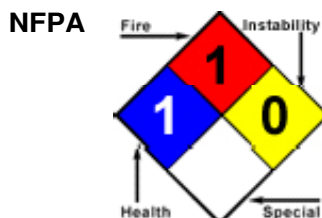
Response If on skin: Wash with plenty of soap and water.
If exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If swallowed: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
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



Section 3 - Composition/Information on Ingredients

Substances

Composition		
Chemical Name	Identifiers	%
Hydrotreated petroleum distillate spent	CAS: 64742-58-1	10% TO 20%
Hydrotreated heavy petroleum distillate (highly refined)	CAS: 64742-54-7	< 5%
Hydrotreated light petroleum distillate (highly refined)	CAS:64742-55-8	40% TO 50%

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

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.

Unusual Fire and Explosion Hazards Elevated temperatures can lead to the formation of irritating fumes and vapors. Decomposing products may include the following materials: Carbon Dioxide and Carbon Monoxide. Product is a static accumulation liquid. Static accumulation liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid may cause flash fire. Static electricity accumulation may be increased by the presence of small quantities of water or other contaminates. Restrict flow velocity to avoid build-up of static charge.

Advice for firefighters

For fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant. Isolate immediate hazard area, keep unauthorized personnel out. Water spray may be useful in or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk.

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. Follow all fire fighting procedures.

Emergency Procedures 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.

Conditions for safe storage, including any incompatibilities

Storage

Keep container tightly closed. 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.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines No data available.

Exposure controls

Engineering Measures/Controls

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

Personal Protective Equipment

Pictograms



Respiratory

If vapors or mist is generated by heating, spraying, etc, wear an air purifying respirator with mist filter. No special respiratory protection is normally required.

Eye/Face

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

Hands

Wear protective gloves - gloves, and long sleeve clothing to minimize contact..

Skin/Body

Avoid contact with skin and clothing. Wear suitable protective clothing.

General Industrial Hygiene Considerations

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

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	Clear Amber	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	Not relevant
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	~0.854 @ 60 F(15.5 C)
Density	~7.11 lbs/gal @ 77 F(25 C)	Bulk Density	No Data Available
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	< 20.5 Centistoke @ 104 F(40 C)	Explosive Properties	No Data Available
Oxidizing Properties:	No Data Available		
Volatility			
Vapor Pressure	No Data Available	Vapor Density	No Data Available
Evaporation Rate	No Data Available	VOC (Wt.)	No Data Available
VOC (Vol.)	10 g/L	Volatiles (Wt.)	No Data Available
Flash Point	>300 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 (ΔH_c)	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	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 under normal ambient and anticipated conditions of use
Possibility of hazardous reactions	Not anticipated under normal conditions.
Conditions to avoid	Extended exposure to high temperatures can cause decomposition
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• Aspiration 1
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. Inhalation of mist or spray may be harmful and cause pulmonary edema or aspiration pneumonia. Oil deposits in the lung may lead to fibrosis and reduced pulmonary function.

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 No data available

Other information

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.

Section 16 - Other Information

Revision	1
Preparation Date	June 22, 2015
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