

Safety Data Sheet



Section 1: Identification

Product Name Hasco Form 821
Relevant identified uses of the substance or mixture
Recommended use Drawing Compound
Details of the supplier of the safety data sheet
Manufacturer Hasco Oil Company Inc.
 2800 Temple Ave
 Long Beach, CA 90806
 www.hascooil.com

Telephone (General) Manufacturer: (562) 595-8491

Emergency Telephone Number: (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
 Eye Irritation 2
 Reproductive Toxicity effects on or via Lactation
 Hazardous to the aquatic environment Acute 3
 Hazardous to the aquatic environment Chronic 1

Label elements

UN GHS Signal Word

WARNING



Hazard statements

Causes skin irritation and serious eye irritation
 May cause harm to breast-fed children
 Very toxic to aquatic life with long lasting effects

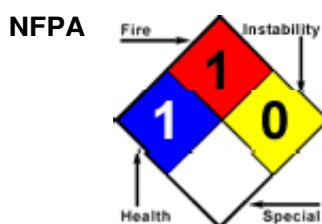
Precautionary statements

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

Composition		
Chemical Name	Identifiers	%
C14 – C17 Chlorinated paraffin	CAS: 61788-76-9	30% TO 40%
Severely Solvent Refined Heavy Naphthenic Distillate	CAS: 64741-96-4	10% TO 20%
Petroleum distillates, Hydrotreated heavy naphthenic	CAS: 64742-52-5	50% TO 60%

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, CO₂, 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 mixture

Unusual Fire and Explosion Hazards No data available

Hazardous Combustion Products Combustion products may include the following: halogenated compounds, carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide), sulfur oxides (SO₂, SO₃ 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 Precaution: 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: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up:

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

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

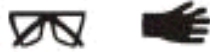
Exposure Limits/Guidelines No data available.

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	Clear 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	~1.06 g/cc @ 60 F(15.5 C)
Density	8.83 lbs / gal	Bulk Density	Not relevant
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	~465 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.)	8.0 g/L	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
Flammability			

Flash Point	345 F(173.9 C) COC (COC)	UEL	No data available
LEL	No data available	Flame Duration	Not relevant
Heat of Combustion (ΔH_c)	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
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•

STOT-SE	UN GHS•
Toxicity for Reproduction	UN GHS• Toxic to Reproduction on or via Lactation
Respiratory sensitization	UN GHS•
Serious eye damage/Irritation	UN GHS• Eye irritation 2

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

Special precautions for user No data available

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

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

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.

Other Information:

CALIFORNIA PROPOSITION 65: This product does contain a chemical known to the State of California to cause reproductive harm.

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

Section 16 - Other Information

Revision 2

Preparation Date July 14, 2016

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