

Safety Data Sheet

Section 1. Identification	
Product Identifier	High Flash
	Version: 6 Effective Date: 15 January 2021
Other Means of Identification	None
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
Recommended Use and Restrictions On Use	High flash point oil, tar and bitumen remover. No restrictions.
Product Family	Blend
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazards	Flammable Liquids - Category 4
Health Hazards	Eye Damage / Irritation - Category 2B Aspiration Hazard - Category 1
Signal Word	Danger
Hazard Statement	Combustible liquid. May be fatal if swallowed and enters airways. Causes eye irritation.
Precautionary Prevention Statement	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands thoroughly after handling.
Precautionary Response Statement	In case of fire: Use carbon dioxide, foam or dry chemical to extinguish. IF SWALLOWED: Immediately call a POISON CENTRE. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Safety Data Sheet

	If eye irritation persists: Get medical attention.
Precautionary Storage Statement	Store in a well-ventilated place. Store locked up.
Precautionary Disposal Statement	Dispose of contents / container in accordance with local regulations.
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Organic distillates	N/A	8002-05-9	75 – 95
Citrus Terpenes	N/A	94266-47-4	0 – 10
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Flush area with water. If irritation persists seek medical attention. Launder clothing before reuse.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of respiratory symptoms may be delayed for several hours after exposure. Eye irritation signs and symptoms may include a burning sensation, redness, swelling. Inhaling high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.
Immediate medical Attention and Special Treatment	Treat symptomatically.

Safety Data Sheet

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Carbon dioxide, foam or dry chemical. DO NOT USE WATER.
Hazardous Combustion Products	Carbon monoxide and dioxide
Specific Hazards Arising From the Product	Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, oxides of sulphur, unidentified organic and inorganic compounds. Will float on top of water and can be reignited on surface water. Flammable vapours may be present even at temperatures below the flash point. The vapour is heavier than air, it therefore spreads along the ground and distant ignition is possible.
Special Protective Equipment and Precautions For Fire-Fighters	Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves, safety glasses or goggles, chemical resistant footwear, coveralls. Air purifying respirator fitted with appropriate cartridges. Secure area and evacuate unnecessary personnel. Ensure adequate ventilation.
Environmental Precautions	Do not allow product to enter surface drains and watercourses
Methods and Materials For Containment and Clean-Up	Eliminate all sources of ignition. Contain spill, soak up spilled product with suitable material. Place in a suitable container for disposal. All rags, absorbent and contaminated material should be disposed of in the appropriate manner. Wash area with water and a small amount of detergent to remove residues.

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care – combustible liquid. Use in well ventilated areas. Remove all sources of ignition. Keep away from naked flames, sparks and heat sources. Do not inhale vapours. Use good housekeeping practices – wash hands after use.
Conditions For Safe Storage	Store in cool, well ventilated area. Keep containers closed when not in use. Do not cut, weld, drill or grind on or near these containers. Empty drums may contain flammable vapours.

Safety Data Sheet

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
Organic Distillates (as oil mist)	5 mg/m ³ ACGIH	10 mg/m ³ ACGIH		
Citrus Terpenes	30ppm AIHA			
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Ensure eye wash station, safety shower and adequate ventilation are available.			
Individual Protective Measures	Under normal conditions of use these are not normally required. If exposure limits are exceeded:.			
Eye / Face Protection	Safety glasses.			
Skin Protection	Wear gloves (nitrile), coverall (Nomex), chemical resistant footwear			
Respiratory Protection	An air purifying respirator fitted with organic vapour cartridges must be worn			

Section 9. Physical and Chemical Properties	
Appearance	Pale yellow to pale brown, opaque liquid
Odour	Citrus odour
Odour Threshold	Not available.
pH	Not applicable.
Flash Point	80 °C
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	No data
Evaporation Rate	Not determined
Flammability (solid, gas)	N/A
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	0.84 – 0.87
Solubility	Not soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	Not determined
Decomposition Temperature	No data
Viscosity	No data



Safety Data Sheet

Section 10. Stability and Reactivity	
Reactivity	Stable
Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Naked flames, sparks and sources of ignition
Incompatible Materials	Strong oxidizing agents, strong acids and acidic clays.
Hazardous Decomposition Products	Oxides of citrus terpenes result from improper storage and handling – these are potential skin sensitizers. Exposure to air will cause the formation of the oxides.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
	No data		
Likely Routes of Exposure			
Skin:	May cause mild irritation. Prolonged contact may cause dryness, cracking and possible skin burns.		
Eyes:	May cause irritation of the eyes, including stinging, redness and tearing.		
Inhalation:	May cause irritation of the nose, throat and respiratory tract, coughing and headache.		
Ingestion:	Not considered toxic by ingestion. May cause vomiting, headache or irritation of the digestive tract.		
Acute Toxicity Estimates (ATE)	Not toxic		
STOT (Specific Target Organ Toxicity) – Single Exposure	High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.		
Aspiration Toxicity	Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified.		
Skin Corrosion / Irritation	Not classified.		
Serious Eye Damage / Irritation	Expected to be slightly irritating		
Respiratory or Skin Sensitization	Not a sensitizer.		
Carcinogenicity	Not listed.		
Reproductive Toxicity			



Safety Data Sheet

- Sexual Function and Fertility	Not expected to impair fertility.
- Development of Offspring	Not classified as a developmental toxicant.
- Effects on or via Lactation	No data
Germ Cell Mutagenicity	Not considered a mutagenic hazard.
Interactive Effects	No data
Other Information	N/A

Section 12. Ecological Information	
Ecotoxicity	No data
Persistence and Degradability	Expected to be inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in air.
Bioaccumulative Potential	No data
Biodegradability	Expected to be completely biodegradable
Mobility in Soil	No data
Other Adverse Effects	None known

Section 13. Disposal Considerations	
Disposal Considerations	Dispose of contents / container in accordance with local regulations.

Section 14. Transport Information	
UN Number	Not applicable
UN Proper Shipping Name	None
Transport Hazard Class(es)	Not applicable
Packaging Group	Not applicable
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	Not applicable

Safety Data Sheet

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information	
NFPA Rating	Health-1/ Flammability-2/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-1/Flammability-2/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	16 February, 2012
Date of Latest Revision:	15 January 2021
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