

MSDS Document

Product Calumet Mineral Spirits, Rule 66

1. Chemical Product and Company Identification

Trade Name of this Product Calumet Mineral Spirits, Rule 66

Synonyms: 0415-00

MSDS ID MSDS02008

Manufacturer

Calumet Lubricants Co. CCV
1756 old hwy 7
Cotton Valley, LA. 71018

Contact Name

Anne Goldsmith

Phone Number

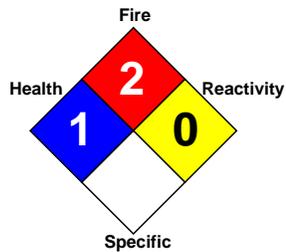
(317) 328-5660

Emergency Phone

CHEMTREC (800) 424-9300

CHEMTREC International (703) 527-3887

Revision Date 4/9/2007



2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Medium Aliphatic Solvent Naphtha	64742-88-7	70% - 80%	0		
Hydrotreated Light Distillates (petroleum)	64742-47-8	20% - 30%			

3. Hazard Identification

*****EMERGENCY OVERVIEW*****

- * Warning: Combustible Liquid and Vapor.
- * This product is a clear, hydrocarbon liquid.
- * It has a solvent petroleum odor. The product floats on water.
- * The Flash Point is >100 degrees F.

- * Keep away from heat, sparks, and flame.
 - * When burned the product produces carbon monoxide and other asphyxiants during combustion.
 - * Avoid breathing vapor. Harmful if inhaled and may cause delayed lung injury.
 - * Aspiration hazard if swallowed - can enter lungs and cause damage.
 - * Use ventilation adequate to keep vapor below recommended exposure limits.
 - * Avoid contact with eyes, skin and clothing. Material splashed into the eyes will irritate tissues. Gently flush material from eyes with clean water.
 - * Unprotected exposure to this product will cause skin dryness.
 - * Remove product soaked clothing and wash with mild soap. Wash thoroughly after handling.
 - * As with any petroleum product, avoid mixing this product with strong oxidizers.
 - * This product is not listed on the NTP, IARC, OSHA, or ACGIH lists of suspected or confirmed carcinogens.
 - * This product may be toxic to fish but will be toxic to birds and wildlife through ingestion during pelage cleaning.
 - * This product is readily biodegradable in the presence of air and sunlight.
 - * Spilled material is slippery and may cause falls.
- *****END OF EMERGENCY OVERVIEW*****

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY

Skin.

EYES

Tests on similiar materials suggest acute irritation be expected.

SKIN

Tests on similiar materials indicate acute irritation is expected to occur upon short-term exposure, chronic dermatitis on prolonged contact.

INGESTION

ACUTE ASPIRATION HAZARD. Tests on similar materials indicate possibility of the following symptoms: headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary adema, central nervous system depression, convulsions, and loss of consciousness.

INHALATION

Tests on similiar material indicate the possibility of the following symptoms: headache, nasal and respiratory irritation, nausea, drowsiness, breathlessness, fatigue, central nervous system depression, convulsions, and loss of consciousness.

CHRONIC (CANCER INFORMATION)

Prolonged and/or repeated contact with this material may produce skin irritation and inflammation.

Carcinogen listed by : National Toxicology Program (No)

CHRONIC (CANCER INFORMATION) - Continued

I. A. R. C. (NO)

OSHA (NO)

ACGIH (NO)

This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Personnel with pre-existing skin disorders should avoid contact with this product.

4. First Aid Information

EYES

Flush eyes immediately with water for at least 15 minutes or until irritation subsides, occasionally lifting lower and upper lids. Get medical attention promptly.

SKIN

Wash thoroughly with soap and water. Immediately remove contaminated clothing and wash before reuse. If irritation or rash develops, obtain medical assistance. Immediately remove soaked clothing.

INGESTION

CALL PHYSICIAN IMMEDIATELY. Do not induce vomiting except at the instruction of a physician. Never give anything by mouth to an unconscious person.

INHALATION

Remove patient to fresh air and consult a physician. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

5. Fire Fighting Measures

FLAMMABLE PROPERTIES

FLASH POINT: >100°F >38°C Tag Closed Cup

AUTOIGNITION: 473F

FLAMMABILITY CLASS: IIIA

LOWER EXPLOSIVE LIMIT (%): 0.8 vol %

UPPER EXPLOSIVE LIMIT (%): Not Available

FIRE AND EXPLOSION HAZARD

Material is combustible.

EXTINGUISHING MEDIA

Dry Chemical, carbon dioxide, and foam. CAUTION: Water stream may spread fire.

FIRE FIGHTING INSTRUCTIONS

Use water spray only to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.

Products of combustion include fumes, smoke and carbon monoxide.

6. Accidental Release Measures

NOTIFICATION PROCEDURES: Notify emergency response personnel. Evacuate area and remove ignition sources. Build dike to contain flow. Remove free liquid. Shut off ignition source. Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent

dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Absorb on inert material. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering storm sewers or drains and contact with soil.

PERSONAL PRECAUTIONS: See Section 8

7. Handling and Storage

HANDLING AND STORAGE PRECAUTIONS

Store as OSHA Class II combustible liquid. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. Wash thoroughly after handling. Do not store with strong oxidizers.

STORAGE PRECAUTIONS

Empty containers retain product residue (liquid and vapor) and can be dangerous.

Storage Temperature: ambient

Storage Pressure: atmospheric

WORK/HYGIENIC PRACTICES

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

8. Exposure Controls and Personal Protection

ENGINEERING CONTROLS

Use adequate ventilation to keep oil mists of this material below applicable standard(s). See Section on occupational exposure limits.

EYE/FACE PROTECTION

Safety glasses, splash goggles, or face shield as appropriate. Have suitable eye water wash available.

SKIN PROTECTION

Avoid prolonged and/or repeated skin contact. If prolonged contact cannot be avoided, wear protective impervious gloves and clothing. Acceptable materials for gloves are neoprene; nitrile; viton.

OTHER/GENERAL PROTECTION

If there is a likelihood of splashing, an oil resistant clothing should be worn. Never wear oil soaked clothing. Launder or dry clean before wearing. Discard oil soaked shoes. Affix warning labels on containers in accordance with 29 CFR 1910.1200 (Hazard Communication Standard).

Loading, unloading, tank gauging, etc., remain upwind. Request assistance of safety and industrial hygiene personnel to determine air concentrations.

INGREDIENT NAME, CAS #, EXPOSURE LIMITS, PERCENT BY VOLUME

Medium Aliphatic Solvent Naphtha Stoddard Solvent ,CAS NUMBER: 64742-88-7, OSHA
TWA-100ppm, 70.0 to 80.0%

9. Physical and Chemical Properties

APPEARANCE

Clear liquid.

ODOR

Petroleum Naphtha

ODOR THRESHOLD

N.D.

BASIC PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

BOILING POINT: IBP >300 (D86)°F IBP >149 (D86)°C

MELTING POINT: Not Available

VAPOR PRESSURE: 3.37 mm Hg @ 68°F(20°C)

VAPOR DENSITY (AIR=1): 5

SPECIFIC GRAVITY @ 60°F(water=1): 0.7653

MOLECULAR WEIGHT: 150.0

SOLUBILITY (H2O): negligible in water

PERCENT VOLATILES: 100

VISCOSITY: 1.2 cst @ 100°F

Physical data may vary slightly to meet specifications.

10. Stability and Reactivity

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID (STABILITY)

Sources of ignition.

INCOMPATIBLE MATERIALS

Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

Incomplete combustion may produce carbon monoxide and other asphyxiants.

HAZARDOUS POLYMERIZATION: will not occur

11. Toxicological Information

ACUTE STUDIES

EYE EFFECTS

Slight irritation on contact.

SKIN EFFECTS

May cause irritation or dermatitis with prolonged and repeated contact.

ACUTE ORAL EFFECTS

Tests on similar materials indicate an order of acute oral toxicity.

ACUTE INHALATION EFFECTS

Acute toxicity expected on inhalation.

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA. Therefore, if the precautions outlined in this bulletin are followed to minimize repeated or prolonged skin contact which could cause irritation, these oils should pose no carcinogenic hazard to humans. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Nevertheless, good industrial hygienic practices are recommended.

12. Ecological Information

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

This product is rapidly biodegradable. Biodegradation is possible within 90 to 120 days in aerobic environments at temperatures above 70o F (21o C).

13. Disposal Considerations

Product as supplied does not meet the characteristics of a hazardous waste as defined in 40 CFR 261.21-24. If mixed with other products, waste mixture must be characterized. DO NOT dispose of this product in drains or storm sewers. DO NOT dispose of this product in a landfill without prior solidification. Waste product should be recycled. Consider waste brokering.

14. Transportation Information

PROPER SHIPPING NAME: Petroleum Distillates, nos, Class 3, UN 1268, PG III

HAZARD CLASS: Class 3 Flammable Liquid
DOT IDENTIFICATION NUMBER: UN1268
DOT SHIPPING LABEL: DOT Hazardous Material

15. Regulatory Information

U.S. FEDERAL REGULATORY INFORMATION

SARA 302 Threshold Planning Quantity: NOT APPLICABLE

SARA 304 Reportable Quantity: NOT APPLICABLE

SARA TITLE III - Section 311/312 Hazard classes:

- Immediate/Acute Health Effects: yes
- Delayed/Chronic Health Effects: no
- Fire Hazard: yes
- Sudden Release of Pressure Hazard: no
- Reactivity Hazard: no

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.

SARA TITLE III - Section 313 Supplier notification:

The following chemicals are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and reauthorization Act of 1986 and 40 CFR Part 372:

Benzene: CAS # 71-43-2, <1.0 wt%

Ethylbenzene: CAS # 100-41-4, <1.0 wt%

Naphthalene: CAS # 91-20-3, <1.0 wt%

Toluene: CAS # 108-88-3, <1.0 wt%

Xylene: CAS # 1330-20-7, <1.0 wt%

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA): No chemicals in this product are subject to the reporting requirements of CERCLA Section 101(14)(F). When this product is used in a mixture, or as an ingredient in another product, or in a manufacturing operation, the petroleum exclusion may terminate and an accidental spill may require reporting to the National Response Center.

CANADIAN REGULATORY INFORMATION

The components of this product are listed on the Canadian (DSL) Domestic Substances List.

EUROPEAN (ECC) REGULATORY INFORMATION

The components of this product are listed on the European Inventory of Existing Commercial Substances. EINECS# 265-191-7

16. Other Information

SUPERCEDES MSDS DATED:08/15/05

Revised: Sections; 2,5,8,9, and 15.

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