



SAFETY DATA SHEET

Issue Date 4/19/2016

Revision Date 4/19/2016

Version 1

1. IDENTIFICATION

Product identifier

Product Name: Citrus Supreme

Other means of identification

Product code: F-804

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Degreaser

Uses advised against: No information available

Details of the supplier of the safety data sheet

Supplier Address

FRONTIER PERFORMANCE LUBRICANTS INC
PO BOX 1777
LODI, CA 95241
Phone: (800)-807-4496
Fax: (209)-334-6408

Emergency telephone number

Emergency Telephone: PERS (800)-633-8253

2. HAZARDS IDENTIFICATION

Product Signal Word: WARNING

Physical Hazard Classification: Flammable Liquid, Category 3

WARNING

Physical Hazard Precautionary Statements:

Physical Hazard Precautionary Statements:

- Flammable liquid and vapour.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed.
- Keep cool.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF ON SKIN (or hair): wash contaminated area thoroughly.
- Rinse skin with water/shower.
- Take off immediately all contaminated clothing.
- In case of fire: Contact authorities, avoid breathing fumes and smoke.
- Use appropriate media to extinguish.
- Store in a well-ventilated place.



Health Hazard Classification(s):

- | | |
|------------------------------------|---------|
| Acute Toxicity - Oral - Level 5 | Warning |
| Acute Toxicity - Dermal - Level 5 | Warning |
| Skin Corrosion/Irritation -Level 3 | Warning |
| Eye Damage/Irritation -Level 2A | Warning |
| Aspiration Hazard - Level 2 | Warning |



Health Hazard Statements:

May be harmful if swallowed.
 May be harmful if swallowed and enters airways.
 May be harmful in contact with skin.

**First-Aid Statement(s):**

Causes mild skin irritation.
 Causes serious eye irritation.
 Wash hands and exposed areas thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
 Dispose of contents/container in accordance with local regulations.

Handling and Storage Statement(s):

Wash hands and exposed areas thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
 Dispose of contents/container in accordance with local regulations.

Exposure Control / Personal Protection Statement(s):

Wash hands and exposed areas thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
 Dispose of contents/container in accordance with local regulations.

Disposal Statement(s):

Wash hands and exposed areas thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
 Dispose of contents/container in accordance with local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% Range		PEL	TLV
D-LIMONENE DISTILLATE	5989-27-5	10%	40%	NOT ESTABLISHED	NOT ESTABLISHED
AMINE ALKYL BENZEN SULFONATE	157966-96-6	1%	10%	NOT ESTABLISHED	NOT ESTABLISHED
HYDROTREATED LIGHT PETROLEUM	64742-47-8	30%	60%	100 ppm	100 ppm

Specific chemical identity and exact percentages are withheld as Trade Secret.

4. FIRST AID MEASURES

Wash hands and exposed areas thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
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GENERAL	This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.
EYE CONTACT	May cause eye injury which may persist for several days. Liquid and vapor in high concentrations, causes irritation, tearing and burning sensation.
SKIN CONTACT	Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.
INHALATION	High vapor concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.
INGESTION	May be poisonous or fatal if swallowed. A Small amounts of this product can cause mental sluggishness, nausea and vomiting leading to severe illness, and may produce adverse effects on vision with possible blindness or death if treatment not received.
FIRST AID	
EYE CONTACT	Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
SKIN CONTACT	Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and leather before reuse. INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention
INGESTION	If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.
PRECAUTIONS	
SPECIAL PRECAUTIONS	As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
PERSONAL PROTECTION	For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.
VENTILATION	The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

5. FIRE-FIGHTING MEASURES

Wash hands and exposed areas thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor/physician if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
 Dispose of contents/container in accordance with local regulations.

GENERAL HAZARD	Flammable liquid, can release vapors that form flammable mixtures at temperatures at or above the flash point. Static Discharge, material can accumulate static charge which can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Empty containers should be completely drained, properly bunged and promptly returned to drum re-conditioner, or properly disposed of.
FIRE FIGHTING	Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into

storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

HAZARDOUS COMBUSTION PRODUCTS

Fumes, smoke and carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting notify the National Response Center. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping or with a suitable absorbent. Consult an expert on disposal regulations.

WATER SPILL

Eliminate sources of ignition warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulation.

7. HANDLING AND STORAGE

Wash hands and exposed areas thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER/doctor/physician if you feel unwell.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulations.

VENTILATION REQUIREMENT

Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION

Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES

Face shield and goggles or chemical goggles should be worn.

GLOVES

Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT

Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION

In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wash hands and exposed areas thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER/doctor/physician if you feel unwell.

Do NOT induce vomiting.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulations.

VENTILATION REQUIREMENT

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Based on contamination level and working limits of the respirator, use a respirator approved by

EYES	NIOSH/MSHA. Face shield and goggles or chemical goggles should be worn.
GLOVES	Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.
OTHER CLOTHING EQUIPMENT	Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.
RESPIRATORY PROTECTION	In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point (CCP)	> 100°F
Boiling Point for Product	N/D
Vapor Pressure for Product	N/D
Vapor Density for Product	N/D
Specific Gravity	.816
V.O.C.	100% VOC. Product < 25/gL after dilution.
Water Solubility	MISCIBLE
Appearance	CLEAR LIQUID, CITRUS ODOR
PH	N/D

10. STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID INSTABILITY	Not applicable
HAZARDOUS POLYMERIZATION	Will not occur
MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide

11. TOXICOLOGICAL INFORMATION

D-LIMONENE DISTILLATE	5989-27-5
Acute oral toxicity:	LD50: >5,000 mg/kg (rabbit)
Acute dermal toxicity:	LD50: >1,000 mg/kg (rabbit)
Acute inhalation toxicity:	LD50: >5,000 mg/kg (mouse)

HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8
Acute oral toxicity:	LD50: >15,000 mg/kg
Acute dermal toxicity:	LD50: >3,160 mg/kg

May cause mild, short-lasting discomfort to eyes. Mildly irritating to skin with prolonged exposure. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema. Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

12. ECOLOGICAL INFORMATION

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "**". Additional ecological information is Not Determined.

13. DISPOSAL CONSIDERATIONS

Wash hands and exposed areas thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER/doctor/physician if you feel unwell.
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local regulations.

WASTE DISPOSAL METHOD Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: (Not Regulated)

15. REGULATORY INFORMATION

	CAS#	PEL	TLV
D-LIMONENE DISTILLATE	5989-27-5	NOT ESTABLISHED	NOT ESTABLISHED
AMINE ALKYL BENZEN SULFONATE	157966-96-6	NOT ESTABLISHED	NOT ESTABLISHED
HYDROTREATED LIGHT PETROLEUM	64742-47-8	100 ppm	100 ppm

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "***"

16. OTHER INFORMATION

Consumer Product Safety Act Certificaton.

This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

Issue Date 4/19/2016
Revision Date 4/19/2016
Revision Note Not applicable

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet