



SAFETY DATA SHEET

Issue Date 4/19/2016

Revision Date 4/19/2016

Version 1

1. IDENTIFICATION

Product identifier

Product Name: Wash-N-Shine

Other means of identification

Product code: F-808

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: Non Hazardous
Non Hazardous

Physical Hazard Precautionary Statements:

Causes skin and eye irritation.

IF ON SKIN: Gently wash with plenty of soap and water.

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

Health Hazard Classification(s):

Acute Toxicity - Oral - Level 5	Warning
Acute Toxicity - Dermal - Level 5	Warning
Acute Toxicity – Inhalation- Level 5	Warning
Skin Corrosion/Irritation -Level 3	Warning
Eye Damage/Irritation -Level 2B	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.
Causes mild skin irritation.
Causes serious eye irritation.
May be harmful if inhaled.



3. COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	% Range		PEL	TLV
D-LIMONENE DISTILLATE	5989-27-5	1%	10%	NOT ESTABLISHED	NOT ESTABLISHED
2-BUTOXYETHANOL	111-76-2	1%	10%	25 PPM	25 PPM
AMINE ALKYL BENZEN SULFONATE	157966-96-6	1%	10%	NOT ESTABLISHED	NOT ESTABLISHED
INERT MATERIAL	7732-18-5	30%	80%	NOT ESTABLISHED	NOT ESTABLISHED
ALCOHOL ETHOXYLATED	68439-51-0	10%	30%	N/D	N/D

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

4. FIRST AID MEASURES

Wash hands and exposed areas thoroughly after handling.

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.

THRESHOLD LIMIT VALUE See Section III

EFFECTS OF OVER EXPOSURE Irritation to skin and eyes.

EMERGENCY FIRST AID PROCEDURES

SKIN Wash with soap and water.

EYE Flush with water for at least 15 minutes.

INHALATION Remove to fresh air. See a physician if irritation persists. ORAL: Call a physician. Do not induce vomiting.

ADDITIONAL Contact with eyes will be painful and irritating. Prolonged or repeated contact with skin may cause irritation. Mist caused by manufacturing operations may irritate the nasal passages.

5. FIRE-FIGHTING MEASURES

Wash hands and exposed areas thoroughly after handling.

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.

FIRE & EXPLOSION HAZARDS Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, venting containers.

FIRE FIGHTING EQUIPMENT At elevated temperatures (above 120 F) containers may vent, rupture, or burst.

EXTINGUISHING MEDIA Foam Dry Chemical, Carbon Dioxide.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES Pick up free material for recycle/disposal.

WASTE DISPOSAL Disposal should be in compliance with Federal, State and local laws.

7. HANDLING AND STORAGE

Wash hands and exposed areas thoroughly after handling.

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 PROCEDURE	Use adequate ventilation
GLOVES PROTECTION	Neoprene or nitrile rubber gloves recommended.
RESPIRATORY PROTECTION	When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.
EYE PROTECTION	Safety glasses.
OTHER PROTECTION	None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wash hands and exposed areas thoroughly after handling.
 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 PROCEDURE	Use adequate ventilation
GLOVES PROTECTION	Neoprene or nitrile rubber gloves recommended.
RESPIRATORY PROTECTION	When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.
EYE PROTECTION	Safety glasses.
OTHER PROTECTION	None

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point (CCP)	Not Flammable
Boiling Point for Product	190°F
Vapor Pressure for Product	1.03
Vapor Density for Product	N/D
Specific Gravity	1.06
V.O.C.	75/gL
Water Solubility	Complete
Appearance	CLEAR LIQUID, CITRUS ODOR
PH	N/D

10. STABILITY AND REACTIVITY

INCOMPATIBILITY	Strong Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Sulfur dioxide, Hydrogen Sulfide, Nitrous Oxides and Ammoniacal Vapors.
POLYMERIZATION:	Will not occur.

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)
2-BUTOXYETHANOL	111-76-2
Acute oral toxicity	LD50 Guinea pig: 1,200 mg/kg
Acute inhalation toxicity	LC50 Guinea pig: > 633 ppm, 1 h
Acute dermal toxicity	LD50 Guinea pig: > 2,000 mg/kg

12. ECOLOGICAL INFORMATION

2-BUTOXYETHANOL 111-76-2	
Aquatic Toxicity LC50 Fish	1490 mg/L
Aquatic Toxicity EC50 Crustacea	550-1000 mg/L

ALCOHOL ETHOXYLATED PROPOXYLATED 68439-51-0

LC50 (water Flea) 72 ppm
 LC50 (flathead Minnow) 13 ppm

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.

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
2-BUTOXYETHANOL	111-76-2	25 PPM	25 PPM
AMINE ALKYL BENZEN SULFONATE	157966-96-6	NOT ESTABLISHED	NOT ESTABLISHED
INERT MATERIAL	7732-18-5	NOT ESTABLISHED	NOT ESTABLISHED
ALCOHOL ETHOXYLATED	68439-51-0	N/D	N/D

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 Certification.

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.

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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.