

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Identification

Product form : Mixture
Product name : PFL-200 Press Fit Lube
Product code : G0151CT

1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Distributed by : Goodson Manufacturing Company

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin Irritation 2 - Causes skin irritation	Aerosol 1
Eye Irritation 2 - Causes eye irritation	Gas Under Pressure X
STOT SE 3 - May cause respiratory irritation	Aquatic Acute 1
Aspiration Hazard 1 - May cause drowsiness or dizziness	Aquatic Chronic 1

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Extremely flammable aerosol
Contains gas under pressure; may explode if heated
May be fatal if swallowed and enters airways
Causes skin and serious eye irritation
May cause drowsiness or dizziness
Very toxic to aquatic life with long lasting effects

Prevention :

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
No smoking
Do not spray on an open flame or other ignition source
Do not pierce or burn, even after use
Avoid breathing spray
Wash hands thoroughly after handling
Use only outdoors or in a well-ventilated area
Wear protective gloves and eye protection
Avoid release to the environment

Response :

Call a doctor if you feel unwell
If swallowed: immediately call a poison center or doctor. Do NOT induce vomiting.
If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice
Collect spillage

- Storage : Store in a well-ventilated place
Store locked up
Protect from sunlight
Do not expose to temperatures exceeding 50°C/122°F
- Disposal : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

- Hazards not otherwise classified : None identified
Unknown Acute Toxicity : 22% by weight

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

ID	Ingredient	Product identifier	%
1	Liquefied Petroleum Gas	(CAS No) 68476-86-8	15 - 40
2	N-Heptane	(CAS No) 1423-82-5	15 - 40
3	Acetone	(CAS No) 67-64-1	10 - 30
4	Extracts (Petroleum), Heavy Paraffinic Distillate Solvent	(CAS No) 64742-04-7	10 - 30
5	Dimerize Rosin	(CAS No) 65997-05-9	3 - 7
6	Fatty Acid, Vegetable Oil, Polymers	(CAS No) 68153-70-8	1 - 5

SECTION 4: First Aid Measures

4.1. Description of first aid measures

- General : If exposed or concerned seek medical advice/attention.
- Eye Contact : Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.
- Skin Contact : Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness.
Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.
- Ingestion : Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.
- Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.
- First-Aid Responder Protection : Wear adequate personal protective equipment based on the nature and severity of the emergency.

4.2. Most important symptoms and effects, both acute and delayed

- Eye Contact : Liquid contact may cause pain along with moderate eye irritation.
- Skin Contact : Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.
- Ingestion : Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, broncho-pneumonia, or pulmonary edema.
- Inhalation : Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.

4.3. Indication of any immediate medical attention and special treatment needed

- Notes to Physician : Treat symptomatically.
- Specific Treatments/Antidotes : No information available.
- Immediate Medical Attention : No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water, CO₂, dry chemical, or universal aqueous film-forming foam
- Unsuitable extinguishing media : Water jet

5.2. Special hazards arising from the chemical or mixture

- Decomposition Products : Oxides of carbon (CO, CO₂), smoke, and/or vapors
- Hazards from the Product : CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. In a fire or if heated, a pressure increase will occur which may result in the container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

5.3. Advice for firefighters

- Protective Actions : Use water spray to cool fire-exposed containers as contents may rupture violently from heat developed pressure.
- Protective Equipment : As with any fire wear SCBA pressure-demand, MSHA/NIOSH approved, and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- For Non-Emergency Personnel : No action should be taken by non-emergency personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
- For Emergency Responders : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel.

6.2. Environmental precautions

Keep out of drains, sewers, ditches and waterways. Minimize use of water to treat environmental contamination.

6.3. Methods and material for containment and cleaning up

- Containment Procedures : Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents. DO NOT use combustible material such as sawdust.
- Cleanup Procedures : Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
- Other Information : Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.
- Prohibited Materials : Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- General Handling Precautions : KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace cap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.
- Hygiene Recommendations : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

7.2. Conditions for safe storage, including any incompatibilities

- Storage Requirements : Storage of individual cans should be done in an area below 50°C (122°F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.
- Incompatibilities : Segregate storage away from materials indicated in Section 10

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

ID	OSHA			NIOSH					ACGIH		AIHA
	PEL	STEL	CEILING	IDLH	REL	STEL	CEILING	TLV	STEL	CEILING	WEEL
1	1000 ppm	—	—	2000 ppm	1000 ppm	—	—	1000 ppm	—	—	—
2	500 ppm	—	—	750 ppm	85 ppm	—	440 ppm	400 ppm	500 ppm	—	—
3	1000 ppm	—	—	2500 ppm	250 ppm	—	—	250 ppm	500 ppm	—	—

Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
3	Acetone in urine	End of shift	50 mg/L	Ns

8.2. Exposure controls

- Other Control Parameters : Not Available

8.3 Appropriate Engineering Control

Engineering Measures : Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.

8.4 Individual Protection Measures

Hygiene Considerations : Avoid breathing vapors and contact with the skin and eyes. Always replace cap when not in use. Keep out the reach of children. Wash hands after use.

Thermal Protection : This product does not present a thermal hazard.

Respiratory Protection : An approved respirator with organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.

Skin Protection : For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Eye/Face Protection : Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Other Protective Equipment : Safety showers and eye-wash stations should be available in the workplace near where the material will be used.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Boiling Point : > 56.1°C (133.0°F)

Melting / Freezing Point : >-95.3°C (-139.6°F)

Flash Point, Liquid : > -17.0°C (1.4°F)

Flash Point, Propellant : -104.4°C (-156.0°F)

Explosive Limits : 01.05% - 13.00%

Autoignition Temperature, Liquid : 204.0°C (399.2°F)

Flammability : Extremely Flammable Aerosol

Relative Density : (H₂O = 1) 0.695 g/cc

Molecular Weight : Not Available

Weight : 5.800 lbs/gal

Vapor Pressure : 70.00 psig

pH : Not Available

Vapor Density : 3.500 g/cc Maximum

Evaporation Rate : Not Available

Form : Pressurized Product

Partition Coefficient : Not Available

Viscosity : Not Available

Refractive Index : Not Available

Odor Threshold : Not Available

Heat of Combustion (ΔH_c) : Not Available

Odor : Characteristic

Water Solubility : Not Available

Appearance / Color : Red color

Decomposition Temperature : Not Available

9.2. Air Quality Properties

Percent Volatile	: 79% Wt (85% Vol) Max
VOC Regulatory	: 4.083 lbs/gal (489.241 g/L)
Percent VOC	: 59% Wt (67% Vol) Max
VOC Actual	: 3.366 lbs/gal (403.264 g/L)
Percent HAP	: None
HAP Content	: None
Solids/Non Volatile Content	: 22% Wt (16% Vol) Max
Maximum Incremental Reactivity	: 0.74 g O3/g
Global Warming Potential	: 0.740

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity is available for this product or its ingredients.

10.2. Chemical stability

This product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions are not expected to occur.

10.4. Conditions to avoid

Keep away from heat, sparks, flame and red hot metal.

10.5. Incompatible materials

Acids, Activated Carbon, Chlorine Dioxide, Hexachloromelamine, Hydrogen Peroxide, Isoprene, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Trichlormelamine

10.6. Decomposition products

Oxides of Carbon, Acetic Acid, Formaldehyde Fumes, Hydrogen Peroxide, Methanol may be formed depending on fire conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity Estimates (mixture)

Oral LD ₅₀	: 7098 mg/kg
Dermal LD ₅₀	: 4945 mg/kg
Inhalation LC ₅₀	: 1639 mg/L 4-hour

Acute Toxicity on Ingredients

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	—	—	—	—	658 mg/L	4h	rat
2	>15000 mg/kg	rat	—	—	103 g/m3	4h	rat
3	5800 mg/kg	rat	20000 mg/kg	rabbit	50100 mg/m3	4h	rat
4	>5000 mg/kg	rat	>3000 mg/kg	rabbit	—	—	—
5	>4000 mg/kg	mouse	>2500 mg/kg	rabbit	—	—	—

11.2. Health Hazard Classification

Skin Corrosion / Irritation	:	Category 2						
Eye Damage / Irritation	:	Category 2						
Respiratory Irritation	:	Classification criteria not met						
Respiratory / Skin Sensitization	:	Classification criteria not met						
Germ Cell Mutagenicity	:	Classification criteria not met						
Reproductive Toxicity	:	Classification criteria not met						
STOT - Single Exposure	:	Category 3						
STOT - Repeated Exposure	:	Classification criteria not met						
Aspiration Hazard	:	Category 1						
Carcinogen Data		ID	Calif Prop-65	OSHA	NIOSH	ACGIH	NTP	IARC
			No	No	No	No	No	No

11.3. Information on Likely Routes of Exposure

Routes of Exposure : Skin contact, skin absorption, eye contact, inhalation

11.4. Information on Physical, Chemical & Toxicological Effects

Symptoms of Exposure : Asphyxia, Central Nervous System Depression, Chemical Pneumonitis
Dermatitis, Dizziness, Drowsiness, Stupor, Throat Irritation

11.5. Delayed & Immediate Effects and Chronic Effects from Short & Long-Term Exposure

Delayed Effects : No known delayed effects.
 Immediate Effects : No known immediate effects.
 Chronic Effects : Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal.
 Medical Conditions Aggravated : May aggravate personnel with pre-existing disorders associated with any of the Target Organs.
 Target Organs : Central Nervous System, Eyes, Respiratory System, Skin

SECTION 12: Ecological information

12.1. Acute Aquatic Toxicity

ID	FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD
2	EC50	220mg/L	96h	LC50	>10 mg/L	24h	EC50	1.5 mg/L	8h	—	—	—
3	LC50	5540 mg/L	96h	LC50	880 mg/L	48h	NOEC	530 mg/L	8d	EC5	1700 mg/L	16h
4	LC50	>1000 mg/L	96h	EC50	1.4 mg/L	48h	EC50	3.1 mg/L	96h	EC20	>1000 mg/L	15m

12.2. Ecological Data

ID	PERSISTENCE AND DEGRADABILITY				BIOACCUMULATIVE POTENTIAL		MOBILITY
	PERSISTENCE	BOD	COD	ThOD	Pow / Kow	BCF	Koc
2	—	—	—	—	4.66 log Pow	3.11 log BCF	2.44 log Koc
3	90.9% / 28 days	1.85 mg/g / 5d	2.07 mg/g	2.21 mg/g	-0.24 mg/g	0.69 BCF	1.26 log Koc

12.5. Other adverse effects

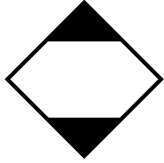
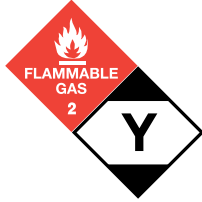
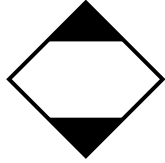
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Waste disposal recommendations : Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
- Waste Disposal of Packaging : An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.
- Landfill Precautions : Not available
- Incineration Precautions : **** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE ****

SECTION 14: Transport information

Transportation Information	Ground Transportation (DOT)	Air Transportation (IATA)	Ocean Transportation (IMDG)
UN Number	UN1950	UN1950	UN1950
Proper Shipping Name	Aerosols, Limited Quantity	Aerosols, Flammable, Limited Quantity	Aerosols, Limited Quantity
Hazard Class(es)	2.1	2.1	2.1
Packaging Group	—	—	—
Marine Pollutant	No	No	No
Hazard Label(s)			

SECTION 15: Regulatory information

15.1. US Federal regulations

ID	TSCA LISTED	SARA 302			SARA 313	SARA 311/312					CLEAN AIR ACT		CLEAN WATER ACT
		EHS	TPQ	RCRA		CERCLA	FIRE	REACTIVITY	ACUTE	CHRONIC	PRESSURE	HAP	
1	Yes	—	—	—	—	Yes	—	—	—	—	—	—	—
2	Yes	—	—	—	—	Yes	—	Yes	—	—	—	—	—
3	Yes	—	U002	5000	—	Yes	—	Yes	—	—	—	—	—
4	Yes	—	—	—	—	—	—	—	—	—	—	—	—
5	Yes	—	—	—	—	—	—	—	—	—	—	—	—
6	Yes	—	—	—	—	—	—	—	—	—	—	—	—

15.2. US State regulations

ID	CA P-65	DE RQ	MA		ME		MN		NJ RTK	NY		PA LISTED	WA		WI TABLE	WV TAP
			RTK CODES	TYPE	RQ	RTK	AIR	LAND		ACUTE	PEL		TWA			
2	—	—	2,4,5,6	—	—	ANO	—	—	—	—	—	Yes	400 ppm	—	—	
3	—	5000	2,4,5,6 F8 F9	—	20000	AON	—	—	—	5000	1	Yes-E	750 ppm	—	—	
4	—	—	1*E*C*	—	—	—	—	—	—	—	—	—	—	—	—	

SECTION 16: Other information

- SDS Revision History : Revision 2, 11/12/2002, General update.
: Revision 3, 09/10/2008, Update to GHS Compliant MSDS.
: Revision 4, 11/30/2015, Updated to GHS Version 3 Format.
- SDS Compliance : This SDS complies with the below listed regulations only.
: OSHA Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200
: Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Revision 3
- Disclaimer of Liability : The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgment. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.