Safety Data Sheet PL-100 (AEROSOL)

Supercedes Date Not applicable **Issuing Date** 02/24/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PL-100 (AEROSOL)
Recommended use Lubricant
Information on Manufacturer
Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code PME60015
Chemical nature Hydrocarbons Mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Tan **Physical state** Aerosol **Odor** Solvent-like

GHS Classification

Physical Hazards

Flammable Aerosols	Category 2
Gases under pressure	Liquefied gas

Health Hazard

Aspiration Toxicity	Category 1
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B
Specific target organ systemic toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

Other hazards
None

Labeling
Signal Word
DANGER

Hazard statements
H223 - Flammable aerosol
H315 - Causes skin irritation
H320 - Causes eye irritation
H304 - May be fatal if swallowed and enters airways
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure
H280 - Contains gas under pressure; may explode if heated

Precautionary Statements
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P260 - Do not breathe vapor, mist or gas.
P271 - Use in a well-ventilated area.
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs, get medical attention.
P301+ P310 - IF SWALLOWED: Immediately call a physician
P331 - DO NOT induce vomiting
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a physician if unwell.
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P403 - Store in a well-ventilated place
P405 - Store locked up
P501 - Dispose of contents and container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight % *
Heptanes	142-82-5	15-40
Petroleum gases, liquified, sweetened	68476-86-8	10-30
Methyl acetate	79-20-9	10-30
Acetone	67-64-1	10-30
Petroleum Distillate	64742-47-8	7-13

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Use only with adequate ventilation.
Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation Move to fresh air.
Ingestion Clean mouth with water and afterwards drink plenty of water.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point < 100 °F / < 38 °C **Method** Seta closed cup
Upper: No data available **Lower:** No data available
Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
The product causes burns of eyes, skin and mucous membranes.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA	**Health** 1	**Flammability** 3	**Instability** 0
HMIS	**Health** 1	**Flammability** 3	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Ensure adequate ventilation.
Environmental Precautions Prevent further leakage or spillage if safe to do so.
Methods for Containment No information available.
Methods for Cleaning Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Ensure adequate ventilation.
Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature	**Minimum**	No information available		**Maximum**	No information available		
Storage Conditions	**Indoor**		**Outdoor**	**Heated**		**Refrigerated**	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Heptanes	TWA: 400 ppm STEL: 500 ppm	TWA: 500 ppm TWA: 2000 mg/m^3	750 ppm Ceiling: 440 ppm Ceiling: 1800 mg/m^3 TWA: 85 ppm TWA: 350 mg/m^3
Methyl acetate	TWA: 200 ppm STEL: 250 ppm	TWA: 200 ppm TWA: 610 mg/m^3	3100 ppm STEL 250 ppm STEL 760 mg/m^3 TWA: 200 ppm TWA: 610 mg/m^3
Acetone	TWA: 500 ppm STEL: 750 ppm	TWA: 1000 ppm TWA: 2400 mg/m^3	2500 ppm TWA: 250 ppm TWA: 590 mg/m^3

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Wear gloves with appropriate chemical resistance.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol	**Viscosity**	No information available
Color	Tan	**Odor**	Solvent-like
Odor Threshold	Not applicable	**Appearance**	Hazy
pH	Not applicable	**Specific Gravity**	0.795
Evaporation Rate	No information available	**Percent Volatile (Volume)**	No information available
VOC Content (%)	40	**Vapor Pressure**	40 mmHg @ 70°F
Vapor Density	>2 (Air = 1.0)	**Solubility**	Insoluble
n-Octanol/Water Partition	No data available	**Melting Point/Range**	No data available
Decomposition Temperature	No data available	**Boiling Point/Range**	Not applicable
Flammability (solid, gas)	No data available		
Flash Point	< 100 °F / < 38 °C	**Method**	Seta closed cup
Autoignition Temperature	No information available.		

Upper: No data available **Lower:** No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Extremes of temperature and direct sunlight, Heat, flames, and sparks.
Incompatible Products	No materials to be especially mentioned.
Decomposition Temperature	No data available
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information — No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	None reasonably foreseeable.
Primary Routes of Entry	None known.
Acute Effects:	
Eyes	May cause slight irritation.
Skin	Substance may cause slight skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	No information available.
Target Organ Effects	No information available.
Aggravated Medical Conditions	No information available.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Heptanes 142-82-5	no data available	= 3000 mg/kg (Rabbit)	= 103 g/m^3 (Rat) 4 h	no data available	no data available
Methyl acetate 79-20-9	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 16000 ppm (Rat) 4 h	no data available	no data available
Acetone 67-64-1	no data available	no data available	= 50100 mg/m^3 (Rat) 8 h	no data available	no data available
Petroleum Distillate 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Heptanes 142-82-5	no data available	no data available	no data available	no data available	Skin Central nervous system Respiratory system
Methyl acetate 79-20-9	no data available	no data available	no data available	no data available	Skin Central nervous system Eyes Respiratory system

Acetone 67-64-1	no data available	no data available	no data available	no data available	Skin Central nervous system Eyes Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Heptanes	No information available.	LC50 = 375.0 mg/L Cichlid fish 96 h	No information available	No information available.	4.66
Petroleum gases, liquified, sweetened	No information available.	No information available.	No information available	No information available.	2.8
Methyl acetate	EC50 > 120 mg/L Desmodesmus subspicatus 72 h	LC50 295 - 348 mg/L Pimephales promelas 96 h LC50 250 - 350 mg/L Brachydanio rerio 96 h	EC50 = 6000 mg/L 16 h EC50 = 6100 mg/L 30 min	1026.7: 48 h Daphnia magna mg/L EC50	0.18
Acetone	No information available.	LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50	-0.24
Petroleum Distillate	No information available.	LC50 = 45 mg/L Pimephales promelas 96 h LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT
- **Proper Shipping Name** Consumer Commodity
- **Hazard Class** ORM-D
- **Description** CONSUMER COMMODITY, ORM-D

TDG
- **Proper shipping name** CONSUMER COMMODITY
- **Hazard Class** ORM-D
- **Description** CONSUMER COMMODITY, ORM-D

ICAO
- **UN-No** UN1950
- **Proper Shipping Name** AEROSOLS, FLAMMABLE
- **Hazard Class** 2.1
- **Shipping Description** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

IATA
- **UN-No** UN1950
- **Proper Shipping Name** AEROSOLS, FLAMMABLE
- **Hazard Class** 2.1
- **Shipping Description** UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

IMDG/IMO
- **Proper Shipping Name** AEROSOLS
- **Hazard Class** 2.1
- **UN-No** UN1950
- **Description** UN1950, AEROSOLS, 2.1, LTD QTY

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
No	No	No	No	No

CERCLA None

Component	Hazardous Substances RQs	CERCLA EHS RQs
Acetone	5000 lb	Not applicable

U.S. State Regulations

California Proposition 65	This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

Prepared By	Christopher Drogin
Supercedes Date	Not applicable
Issuing Date	02/24/2016
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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