

Pulsarlube PL3 (High Speed Grease)

1. Identification

1) Product Name : : Pulsarlube PL3 (High Speed Grease)

2) Recommended use of the chemical and restrictions on use

- A. Product description : An electrochemical automatic single point lubricator
- B. Restrictions on use : Not available except the intended use of the product

3) Supplier's details

Pulsarlube USA, Inc.	Telephone Number for Information:
1480 Howard Street,	Tel.: +1 (847) 593-5300
Elk Grove Village,	Fax : +1 (847) 593-5303
IL 60007, USA	info@pulsarlube.com

Emergency telephone number :	For Hazardous Materials [or Dangerous Goods] Incident
	Spill, Leak, Fire, Exposure, or Accident
	Call CHEMTREC Day or Night
	Within USA and Canada: 1-800-424-9300 CCN723552 or
	+1 703-527-3887 (collect calls accepted)

2. Hazard(s) identification

1) Classification of the substance or mixture GHS US classification Hazardous to the aquatic environment – Chronic Hazard, Category 4 H413 May cause long lasting harmful effects to aquatic life. Full text of H-statements: see section 16

2) GHS Label elements, including precautionary statements GHS US labelling

Hazard statements (GHS US)	: H413 - May cause long lasting harmful effects to aquatic life.
Precautionary statements (GHS US)	: P273 - Avoid release to the environment. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional,
	national and/or international regulation.

3) Other hazards which do not result in classification No additional information available

4) Unknown acute toxicity (GHS US) No additional information available

3. Composition/information on ingredients

1) Substances

Not applicable

2) Mixtures

Name	Product identifier	%	GHS US classification
Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.]	CAS-No.: 64742-54-7	55 – 60	Carc. 1B, H350 Aquatic Chronic 4, H413
Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.]	CAS-No.: 64741-96-4	10 – 19	Acute Tox. 4 (Inhalation:dust,mist), H332 Carc. 1B, H350 Aquatic Chronic 4, H413
Residual oils (petroleum), hydrotreated; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).]	CAS-No.: 64742-57-0	10 – 15	Acute Tox. 4 (Inhalation:dust,mist), H332 Carc. 1B, H350

Full text of hazard classes and H-statements : see section 16

4. First-aid measures

1) Description of first aid measures

- First-aid measures general
- First-aid measures after inhalation First-aid measures after skin contact
- First-aid measures after eye contact First-aid measures after ingestion
- : If you feel unwell, seek medical advice.
- : Remove person to fresh air and keep comfortable for breathing.
- : Wash skin with plenty of water.
- : Rinse eyes with water as a precaution.
- : Call a poison center or a doctor if you feel unwell.

2) Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	: None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.
Symptoms/effects after eye contact	: None under normal conditions. Dust from this product may cause eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

3) Immediate medical attention and special treatment, if necessary

Treat symptomatically.



5. Fire-fighting measures

1) Suitable (and unsuitable) extinguishing media

Suitable extinguishing media Unsuitable extinguishing media

- : Water spray. Dry powder. Foam.
- : Do not use a heavy water stream.

2) Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

3) Special protective equipment and precautions for fire-fighters

Firefighting instructions	 Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6. Accidental release measures

1) Personal precautions, protective equipment and emergency procedures General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. 1-1) For non-emergency personnel Protective equipment : Wear recommended personal protective equipment. **Emergency procedures** : Ventilate spillage area. 1-2) For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Emergency procedures : Evacuate unnecessary personnel.

2) Environmental precautions

Avoid release to the environment.

3) Methods and material for containment and cleaning up

For containment	: Using a clean shovel, put the material in a dry container and
	cover without compressing it.
Methods for cleaning up	: Mechanically recover the product.
Other information	: Dispose of materials or solid residues at an authorized site.

4) Reference to other sections

For further information refer to section 13.

7. Handling and storage

1) Precautions for safe handling

Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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2) Conditions for safe storage, including any incompatibilities

Technical measures	
Storage conditions	

- : Keep in a cool, well-ventilated place away from heat.
- : Store in a well-ventilated place. Keep cool.

Packaging materials

: Store always product in container of same material as original container.

8. Exposure controls/personal protection

1) Control parameters

No additional information available

2) Appropriate engineering controls

- Appropriate engineering controls: Ensure good vEnvironmental exposure controls: Avoid release
- : Ensure good ventilation of the work station
 - : Avoid release to the environment.

3) Individual protection measures/Personal protective equipment

Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear suitable respiratory equipment	

4) Personal protective equipment symbol(s):



9. Physical and chemical properties

1) Information on basic physical and chemical properties

	• •
Physical state	: Solid
Appearance	: Paste
Colour	: brown
Odour	: Characteristic
Odour threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Approx. 0.89 at 20 ℃
Solubility	: Insoluble
Partition coefficient n-octanol/water (Log Pow)	: No data available



Auto-ignition temperature Decomposition temperature Viscosity, kinematic Viscosity, dynamic Explosive limits Explosive properties Oxidising properties

- : Not applicable : No data available
- : Not applicable
- : No data available : Not applicable
- : No data available
- : No data available

2) Other information

No additional information available

10. Stability and reactivity

1) Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

2) Chemical stability

Stable under normal conditions.

3) Possibility of hazardous reactions No dangerous reactions known under normal conditions of use.

4) Conditions to avoid

None under recommended storage and handling conditions (see section 7).

5) Incompatible materials No additional information available

6) Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

11. Toxicological information

1) Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.] (64741-96-4)

LD50 oral rat	 > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	>
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	2.18 mg/l Source: IUCLID
ATE US (dust,mist)	2.18 mg/l/4h

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons
obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of
hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and
produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large
proportion of saturated hydrocarbons.] (64742-54-7)LD50 oral rat> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD
Guideline 401 (Acute Oral Toxicity)LD50 dermal rabbit> 5000 mg/kg Source: IUCLID

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Residual oils (petroleum), hydrotreated; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).] (64742-57-0)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD
LD50 oral rat	Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 5000 mg/kg Source: ECHA
LD50 dermal	2
LC50 Inhalation - Rat (Dust/Mist)	> 2.18 mg/l Source: ECHA
LC50 Inhalation - Rat (Vapours)	> mg/l/4h
ATE US (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.] (64741-96-4)

LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation, rat,	> 0.98 mg/l air Animal: rat, Guideline: OECD Guideline 412
dust/mist/fume, 90 days)	(Subacute Inhalation Toxicity: 28-Day Study)

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	 > 0.98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

Residual oils (petroleum), hydrotreated; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).] (64742-57-0)

(04742-57-0)
125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
≥ mg/kg bodyweight/day
>
1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)
> 0.98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

Aspiration hazard: Not classifiedViscosity, kinematic: Not applicable

Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.] (64741 - 96 - 4)

Viscosity, kinematic

1.99 - 847 mm²/s Temp.: '40°C' Parameter: 'mm²/smm2/s '

: Dust of the product, if present, may cause respiratory irritation

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

Viscosity, kinematic 1.99 - 847 mm²/s Temp.: '40°C' Parameter: 'mm²/smm2/s '

Residual oils (petroleum), hydrotreated; Baseoil- unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).] (64742-57-0) Viscosity, kinematic 1.99 - 847 mm²/s Temp.: '40°C' Parameter: 'mm²/smm2/s '

Symptoms/effects after inhalation

after an excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. : None under normal conditions. Dust may cause irritation in skin Symptoms/effects after skin contact folds or by contact in combination with tight clothing. : None under normal conditions. Dust from this product may Symptoms/effects after eye contact cause eve irritation. : None under normal conditions. Symptoms/effects after ingestion

12. Ecological information

1) Toxicity

Ecology - general

: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. May cause long lasting harmful effects to aquatic life.

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7) ≤

LC50 - Other aquatic organisms [1]

2) Persistence and degradability

PL3, CENTOPLEX 41-300	
Persistence and degradability	Not rapidly degradable

Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.] (64741-96-4)

Persistence and degradability Not rapidly degradable

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7) Persistence and degradability Not rapidly degradable



Residual oils (petroleum), hydrotreated; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).] (64742-57-0)

Persistence and degradability Not rapidly degradable

3) Bioaccumulative potential

Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.] (64741-96-4)

Partition coefficient n-octanol/water (Log Pow)

3.9 - 6 Source: IUCLID

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.1 (64742-54-7)

Partition coefficient n-octanol/water	3.9 – 6 Source: IUCLID
(Log Pow)	

4) Mobility in soil

No additional information available

5) Other adverse effects

No additional information available

13. Disposal considerations

1) Disposal methods

Regional waste regulation Waste treatment methods

Sewage disposal recommendations Product/Packaging disposal recommendations Additional information

- : Disposal must be done according to official regulations.
- : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- : Disposal must be done according to official regulations.
- : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
- : Do not re-use empty containers.

14. Transport information

In accordance with DOT / TDG / IMDG / IATA

1) UN number

DOT NA No: Not applicableUN-No. (TDG): Not applicableUN-No. (IMDG): Not applicableUN-No. (IATA): Not applicable

2) UN proper shipping name

Proper Shipping Name (DOT)
Proper Shipping Name (TDG)
Proper Shipping Name (IMDG)
Proper Shipping Name (IATA)

3) Transport hazard class(es)

DOT

: Not applicable

Not applicableNot applicableNot applicableNot applicable

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Transport hazard class(es) (DOT) TDG Transport hazard class(es) (TDG) IMDG Transport hazard class(es) (IMDG) IATA Transport hazard class(es) (IATA)

: Not applicable

4) Packing group

Packing group (DOT) Packing group (TDG) Packing group (IMDG) Packing group (IATA)

: Not applicable

5) Environmental hazards

Other information

: No supplementary information available.

6) Special precautions for user

DOT

Not applicable

TDG Not applicable

IMDG Not applicable

IATA Not applicable

7) Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

15. Regulatory information

1) US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.]	64741-96-4	Present	Active	
Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.]	64742-54-7	Present	Active	

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Residual oils (petroleum), hydrotreated; Baseoil—unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).]	64742-57-0	Present	Active	

2) International regulations

CANADA

Distillates (petroleum), solvent-refined heavy naphthenic [A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity of at least 100 SUS at 100°F (19cSt at 40°C). It contains relatively few normal paraffins.] (64741-96-4)

Listed on the Canadian DSL (Domestic Substances List)

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

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Residual oils (petroleum), hydrotreated; Baseoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly greater than C25 and boiling above approximately 400 °C (752 °F).] (64742-57-0)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

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Listed on INSQ (Mexican National Inventory of Chemical Substances)

Distillates (petroleum), hydrotreated heavy paraffinic [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7)

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Listed on INSQ (Mexican National Inventory of Chemical Substances)

3) US State regulations

No additional information available

16. OTHER INFORMATION

1) Source of the data

- (1) Chemical manufacturer's information : SDS(SAFETY DATA SHEET) Data
- (2) Chem Guide CAS DataBase
- (3) Corporate Solution From Thomson Micromedex(http://csi.micromedex.com)
- (4) ECB-ESIS(European chemical Substances Information System)(http://ecb.jrc.it/esis)
- (5) ECOTOX Database, EPA(http://cfpub.epa.gov/ecotox)
- (6) IUCLID Chemical Data Sheet, EC-ECB
- (7) International Chemical Safety Cards(ICSC)(http://www.nihs.go.jp/ICSC)
- (8) TOXNET, U.S. National Library of Medicine(http://toxnet.nlm.nih.gov)
- (9) The Chemical Database, The Department of Chemistry at the University of Akron (http://ull.chemistry.uakron.edu/erd)
- (10) Korea Information System for Chemical Safety, KISChem (http:// http://kischem.nier.go.kr)
- (11) Chemical information system (http://ncis.nier.go.kr)
- (12) Grease Raw material manufacturer's information : PSDS(PRODUCT SAFETY DATA SHEET) Data
- 2) The first creation date : 2015.02.11
- 3) The number of times, and the final revision date : Revision times 07
 - The final revision date : 2024.05.31

Further information

Pulsarlube has prepared copyrighted Product Safety Datasheets to provide information on the different Pulsarlube automatic grease lubricator systems. As defined in above the text Pulsarlube automatic grease lubricator are manufactured articles, which do not result in exposure to a hazardous chemical under normal conditions of use. The information and recommendations set forth herein are made in good faith, for information only, and are believed to be accurate as of the date of preparation. However, Pulsarlube MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THIS INFORMATION AND DISCLAIMS ALL LIABILITY FROM REFERENCE ON IT.

