

CNC-LUB PU LF 100/0

HIGH PERFORMANCE PLYUREA GREASE

ACCORDING TO THE REACH REGULATION (EC) 1907/2006 AMENDED BY REGULATION (EU) 2020/878

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product form : Mixture
Trade name : CNC-LUB PU LF 100-0
Product code : 60895

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

RELEVANT IDENTIFIED USES

Industrial/Professional use spec : Industrial
Use of the substance/mixture : Lubricants and additives
Function or use category : Lubricants and additives

TITLE	USE DESCRIPTORS
General industrial use of lubricants and greases in vehicles or machinery. Includes filling and draining of containers and enclosed machinery (including engines).	SU3, PC17, PC24, PROC9, ERC4, ERC7

Full text of use descriptors: see section 16.

USES ADVISED AGAINST

No additional information available

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Memolub International ^{NV/SA}
Rue Bollinckxstraat 43
1070 Anderlecht - Brussels
Belgium
info@memolub.com

1.4. EMERGENCY TELEPHONE NUMBER

Emergency number : +32 70245 245 (24/7) – Center for

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]

Not classified

ADVERSE PHYSICOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. LABEL ELEMENTS

LABELLING ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]

No labelling applicable

2.3. OTHER HAZARDS

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1. Substances

Not applicable

3.2. Mixtures

NAME	PRODUCT IDENTIFIER	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO. 1272/2008 [CLP]
N,N''-(methylenedi-4,1-phenylene)bis[N'-octylurea]	CAS-No.: 122886-55-9 EC-No.: 451-060-3 EC Index-No.: 616-204-00-3	7 – 10	Aquatic Chronic 4, H413
N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazole-1-methylamine	CAS-No.: 80584-90-3 EC-No.: 279-503-4 REACH-no: 01-2119982395-25	0,1 – 1	Skin Irrit. 2, H315 Skin Sens. 1, 317 Aquatic Acute 1, H400 Aquatic Chronic 2, 411
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS-No.: 68411-46-1 EC-No.: 270-128-1 REACH-no: 01-2119491299- 23-XXXX	0,1 – 1	Repr. 2, H361f

Full text of H- and EUH-statements: see section 16.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

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

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH 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.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

- 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

General measures: notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

FOR NON-EMERGENCY PERSONNEL

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area.

FOR EMERGENCY RESPONDERS

- Protective equipment : Do not attempt to act without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. 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.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1. 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 workstation. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink, or smoke when using this product. Always wash hands after handling the product.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Keep cool. Protect from sunlight.
Packaging materials	: Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters.

NATIONAL OCCUPATIONAL EXPOSURE AND BIOLOGICAL LIMIT VALUES

No additional information available

RECOMMENDED MONITORING PROCEDURES

No additional information available

AIR CONTAMINANTS FORMED

No additional information available

DNEL AND PNEC

No additional information available

CONTROL BANDING

No additional information available

8.2. Exposure controls

APPROPRIATE ENGINEERING CONTROLS

No additional information available

PERSONAL PROTECTION EQUIPMENT

Personal protective equipment : Wear recommended personal protective equipment.

Personal protective equipment symbol(s) :



Eye protection : Use eye protection according to EN 166, designed to protect against liquid splashes.

Skin and body protection : Wear suitable protective clothing.
Hand protection : Chemical resistant gloves (according to European standard NF ISO 374-1 or equivalent).

Respiratory protection : No personal breathing protective equipment is normally required.
Thermal hazards : No additional information available

ENVIRONMENTAL EXPOSURE CONTROLS

Avoid release to the environment.

SECTION 9: Physical and chemical properties**9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	: Solid
Color	: Yellow
Odour	: Not available.
Odour threshold	: Not available.
Melting point	: Not available.
Freezing point	: Not applicable.
Boiling point	: Not available.
Flammability	: Not available.
Lower explosion limit	: Not applicable.
Upper explosion limit	: Not applicable.
Flash point	: Not applicable.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
pH	: Not available.
pH solution	: Not available.
Viscosity, kinematic	: Not applicable.
Solubility	: Not available.
Partition coefficient n-octanol/water (Log Kow)	: Not available.
Vapour pressure	: Not available.
Vapour pressure at 50°C	: Not available.
Density	: Not available.
Relative density	: Not available.
Relative vapour density at 20°C	: Not applicable.
Particle size	: Not available.

9.2. OTHER INFORMATION**INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES**

No additional information available

OTHER SAFETY CHARACTERISTICS

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

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

10.2. CHEMICAL STABILITY

Stable under normal conditions.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

10.4. CONDITIONS TO AVOID

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

10.5. INCOMPATIBLE MATERIALS

No additional information available

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.
Skin corrosion/irritation	: Not classified.
Serious eye damage/irritation	: Not classified.
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.

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Viscosity, kinematic

Not applicable

11.2. INFORMATION ON OTHER HAZARDS

No additional information available

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment (short-term, acute).	: Not classified
Hazardous to the aquatic environment (long-term, chronic).	: Not classified

12.2. PERSISTENCE AND DEGRADABILITY**CNC-LUB PU LF 100/0**

Persistence and degradability

Biodegradability in water: no data available

12.3. BIO ACCUMULATIVE POTENTIAL

No additional information available

12.4. MOBILITY IN SOIL

No additional information available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

12.6. ENDOCRINE DISRUPTING PROPERTIES

No additional information available

12.7. OTHER ADVERSE EFFECTS

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS.

- | | |
|--|---|
| Regional waste regulation | : Disposal must be done according to official regulations. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations. |
| Additional information | : Do not re-use empty containers. |

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN NUMBER OR ID NUMBER

UN-No. (ADR)	: Not applicable.
UN-No. (IMDG)	: Not applicable.
UN-No. (IATA)	: Not applicable.
UN-No. (ADN)	: Not applicable.
UN-No. (RID)	: Not applicable.

14.2. UN PROPER SHIPPING NAME

Proper Shipping Name (ADR)	: Not applicable.
Proper Shipping Name (IMDG)	: Not applicable.
Proper Shipping Name (IATA)	: Not applicable.
Proper Shipping Name (ADN)	: Not applicable.
Proper Shipping Name (RID)	: Not applicable.

14.3. TRANSPORT HAZARD CLASS(ES)

ADR Transport hazard class(es)	: Not applicable.
IMDG Transport hazard class(es)	: Not applicable.
IATA Transport hazard class(es)	: Not applicable.
ADNT transport hazard class(es)	: Not applicable.
RID Transport hazard class(es)	: Not applicable.

14.4. PACKING GROUP

ADR Packing group	: Not applicable.
IMDG Packing group	: Not applicable.
IATA Packing group	: Not applicable.
ADN Packing group	: Not applicable.
RID Packing group	: Not applicable.

14.5. ENVIRONMENTAL HAZARDS

Other information	: No supplementary information available
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14.6. SPECIAL PRECAUTIONS FOR USER

Overland transport	: Not applicable
Transport by sea	: Not applicable
Air transport	: Not applicable
Inland waterway transport	: Not applicable
Rail transport	: Not applicable

14.7. MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE/MIXTURE

EU-REGULATIONS

Reach annex xvii (restriction list)

EU RESTRICTION LIST (REACH ANNEX XVII)	
REFERENCE CODE	APPLICABLE ON
3(c)	Benzenamine, n-phenyl-, reaction products with 2,4,4-trimethylpentene

Reach annex xiv (authorization list)

Contains no substance(s) listed on reach annex xiv (authorization list)

Reach candidate list (svhc)

Contains no substance(s) listed on the reach candidate list

Pic regulation (prior informed consent)

Contains no substance(s) listed on the pic list (regulation eu 649/2012 concerning the export and import of hazardous chemicals)

Pop regulation (persistent organic pollutants)

Contains no substance(s) listed on the pop list (regulation EU 2019/1021 on persistent organic pollutants)

Ozone regulation (1005/2009)

Contains no substance(s) listed on the ozone depletion list (regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-use regulation (428/2009)

Contains no substance subject to the council regulation (EC) no 428/2009 of 5 May 2009 setting up a community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives precursors regulation (2019/1148)

Contains no substance(s) listed on the explosive's precursors list (regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug precursors regulation (273/2004)

Contains no substance(s) listed on the drug precursors list (regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

NATIONAL REGULATIONS

Listed on IECSC (inventory of existing chemical substances produced or imported in China).

15.2 CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

16.1 ABBREVIATIONS AND ACRONYMS

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

16.2 DATA SOURCES

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

16.3 Full text of H- and EUH-statements

Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

16.4 Full text of use descriptors

ERC4	Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
ERC7	Use of functional fluid at industrial site
PC17	Hydraulic Fluids
PC24	Lubricants, greases, release products
PROC9	Transfer of substance or preparation into small containers (dedicated filling line, including weighing)
SU3	Industrial uses: Uses of substances as such or in preparations at industrial sites

16.5 Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.