S A F E T Y D A T A S H E E T

SDS NO. 1268

1．CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : 3LC-72309-100 GREASE

Supplier : CHUO YUKA CO.,LTD.

Address : 1-34-22 Sakashita Itabashiku Tokyo, 174-0043 Japan

Telephone number : 03-3966-4121

Emergency telephone number : 03-3966-4121

Date of preparation : 2021/05/12

2．COMPOSITION／INFORMATION ON INGREDIENTS

Component	CAS#	% by Wt.
Base oil	Commercial secret	80～85
Thickener(Urea)	Commercial secret	10～15
Additives	Commercial secret	3～ 8

3．HAZARDS IDENTIFICATION

Emergency overview :

Eye : Not expected to cause prolonged or significant eye irritation.

Skin : Contact skin is not expected to cause prolonged or significant irritation.
Not expected to be harmful to internal organs if absorbed through the skin.

Ingestion : Do not swallow heedlessly.

Inhalation : Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels the recommended mineral oil mist exposure limit.

4．FIRST AID MEASURES

Eye : Flush eyes fresh with water for at least 15 minutes, then seek medical attention.

Skin : Wash contact areas thoroughly with soap and water.

Inhalation : Remove to fresh air. Cover the victim's body with blanket, rest in keeping warm, and seek medical attention immediately.

Ingestion : If swallowed, do not induce vomiting. Seek medical attention immediately.
If contaminated in mouth, flush thoroughly with water.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Water fog, foam, dry chemical and carbon dioxide. Do not try to put out the fire with water pillars.

Fire fighting instructions : For fires involving this materials, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection.
Contain grease to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as solvent materials.

7. HANDLING AND STORAGE

Do not use or store near flame, spark or hot surfaces. Keep container in a cool, well-ventilated area. Keep container tightly closed when do not use. Do not weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently.

CAUTION : Do not use pressure to empty drum may rupture with explosive force.

8. EXPOSURE CONTROLS／PERSONAL PROTECTION

Exposure limits : This product fit the ACGIH definition for mineral oil mist.
The ACGIH TLV is 5mg/m^3, the OSHA PEL is 5mg/m^3

Engineering Controls : Use adequate ventilation to keep airborne concentrations of this material below the recommended exposure standard.

Personal protective equipment :

Eye/Face protection : No special eye protection is usually necessary. Where splashing is possible wear safety glasses with side shields as a good safety practice.

Skin protection : No special protective clothing is normally required. Avoid prolonged or frequently repeated skin contact with this material.

Respiratory protection : No respiratory protection is usually necessary. However, if operating conditions create airborne concentrations which exceed the recommended exposure standards, the use of an approved respirator is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical description : Semi-solid, light brown in color, with petroleum-like smell.

Evaporating volatility : Nil

Solubility : Insoluble in water

Flash point : ＞200℃ (SETA method)

Dropping point : ＞230℃

10. STABILITY AND REACTIVITY

Ignition point : No data available

Explosive limits : No data available

Combustibility : Combustible

Oxidizing properties : Not oxidizer

Explosion properties : Not explosive

Dust explosion properties : Not explosive

Stability : Stable.

Conditions to avoid : Keep away from heat sources which may induce thermal decomposition.

Materials to avoid : Keep away from strong oxidizing agent, such as chlorates, nitrates, peroxides, etc.

11. TOXICOLOGICAL INFORMATION

Corrosiveness : Not corrosive

Eye, skin irritation : May cause irritation under prolonged exposures.

Sensitization : No data available

Acute toxicity : ORAL LD_{50} : 5g／kg [Rat], (Estimated values)

Subacute toxicity : No data available

Carcinogenicity : Base oil : This mineral oil is classified in group 3 in IARC.

Additives : No data available

Mutagenicity : No data available

Teratogenicity : No data available

１２．ECOLOGICAL INFORMATION

Persistence/degradability：No data available
Bioaccumulation：No data available
Ecotoxicity：No data available

１３．DISPOSAL INFORMATION

Place contaminated material in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this materials.

１４．TRANSPORT INFORMATION

Transportation by sea：Not Regulated
Transportation by air：Not Regulated
UN No.：Not applicable

１５．REGULATORY INFORMATION

JAPAN INVENTORY（MITI）：All components are listed.

１６．OTHER INFORMATION

NFPA704(Health, Fire, Reactivity, Specific hazard): 0,1,0,NONE
HMIS(Health, Fire, Reactivity, Specific hazard): 0,1,0,NONE
This material safety data sheet is compiled as a reference for the safe handling of harmful chemical products.
Handlers and users are expected to assume their own responsibilities by handling different situations according to actual circumstances and with reference to this material safety date sheet.
This material safety data sheet may not be interpreted as a guarantee for safety.