

MATERIAL SAFETY DATA SHEET

U. S. Department of Labor
Occupational Safety and Health Administration

Identity (As Used on Label and List)
LUBER NS 2

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name : CHUO YUKA CO., LTD.

Emergency Telephone Number : 03-3966-4121

Address (Number, Street, City, State, and ZIP Code) :
1-34-22 Sakashita Itabashiku Tokyo, 174 Japan

Telephone Number for Information : 03-3966-4121

Date Prepared : APRIL 13, 1998

Signature of Preparer (optional) : *Masahiro Soneya*

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
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All components of this material are on the US TSCA Inventory.

Base Oil 80 ~ 85%

Thickener 7 ~ 12% (Lithium soap)

Addives 5 ~ 10%

SECTION III - Physical/Chemical Characteristics

Boiling Point	N.A. - Not Applicable	Specific Gravity (H ₂ O = 1)	Approx	0.90
Vapor Pressure (mm Hg.)	N.A.	Melting Point	As dropping point	> 170°C
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1)		N.A.

Solubility in Water : Insolubility

Appearance and Odor : Grease, Yellowish Brown, Slightly odor.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) : > 200°C (Seta Method)	Flammable Limits : N.D. - None Data	LEL	UEL
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Extinguishing Media : CO₂, Dry Chemical, or Foam.

Special Fire Fighting Procedures : Use self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards : No explosion at room temperature.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	×	

Incompatibility (*Materials to Avoid*) : Strong oxidizing agents, acids.

Hazardous Decomposition or Byproducts : Decomposition products such as carbon-monoxide in case of incomplete combustion.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	×	

SECTION VI - Health Hazard Data

Route(s) of Entry :	Inhalation?	Skin?	Ingestion?
	No	Yes	Yes

Health Hazards (*Acute and Chronic*) : N.D.

Carcinogenicity :	NTP?	IARC Monographs?	OSHA Regulated?
	N.D.	N.D.	N.D.

Signs and Symptoms of Exposure : Eye Contact ; May cause eye irritation.

Skin Contact ; May cause skin irritation. Inhalation ; May cause throat irritation.

Medical Conditions, Generally Aggravated by Exposure :

Emergency and First Aid Procedures : Eye ; Wash off and rinse away throughly with water, keep under medical supervision.

Ingestion ; Not expected to be a problem, but better to keep under medical supervision for a few days.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled : Take necessary steps in accordance with federal, state and local regulations.

Waste Disposal Method : Dispose in accordance with federal, state and local regulations.

Precautions to Be Taken in Handling and Storing : Avoid heating, contact with flame or oxidizer.

Other Precautions :

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*) : N.R. - Not Required

Ventilation	Local Exhaust :	Special :
	Mechanical (<i>General</i>) : Desirable	Other :

Protective Gloves : Soft gloves recommended.

Eye Protection : Soft glasses recommended.

Other Protective Clothing or Equipment : N.R.

Work/Hygenic Practices : Keep away from children, foodstuffs and drinks, wash hands at the end of works.