

MSDS - Material Safety Data Sheet

National Guards
6900 Washington Blvd.
Montebello, CA 90640
(800) 736-7606

24-HOUR EMERGENCY
CHEM-TEL, INC.
Toll Free - Inside U.S. (800) 255-3924
International (813) 248-0585

PRODUCT I.D. No.: **NG100 Machine Oil**

Page: 1 of 6

EFFECTIVE DATE: 10/01/2000
PRODUCT ID NO.: NG100
DATE PREPARED: 11/15/95

=====

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

=====

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION 1 - PRODUCT IDENTIFICATION=====

PRODUCT NAME: NG100 MACHINE OIL
PRODUCT CATEGORY: BASE STOCK
CHEMICAL NAME: PETROLEUM LUBE OIL

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION=====

COMPONENTS	CAS NO. OF COMPONENTS
PETROLEUM LUBE OIL HEAVY PARAFFINIC	64742-65-0 100%

Regulatory Information Number
1-800-325-3751

SECTION 3 - HAZARDS IDENTIFICATION=====

Potential Health Effects

Eye Exposure is not expected to cause eye irritation or injury.

Skin
Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Preexisting skin disorders may be aggravated by exposure to this material.

Swallowing
Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful.

Inhalation
Exposure is possible under certain conditions of handling and use (for example, during heating, spraying, or stirring). Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.

MSDS - Material Safety Data Sheet

National Guards
6900 Washington Blvd.
Montebello, CA 90640
(800) 736-7606

24-HOUR EMERGENCY
CHEM-TEL, INC.
Toll Free - Inside U.S. (800) 255-3924
International (813) 248-0585

PRODUCT I.D. No.: **NG100 Machine Oil**

Page: 2 of 6

SECTION 3 - HAZARDS IDENTIFICATION(continued)

Symptoms of Exposure

Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation (nose, throat, respiratory tract) (preexisting lung disorders e.g. asthma-like conditions, may be aggravated by exposure to this material), abdominal pain.

Target Organ Effects

No data

Developmental Information

No data

Cancer Information

No data

Other Health Effects

No data

Primary Route(s) of Entry

No data

SECTION 4 - FIRST AID MEASURES

Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing

Do not induce vomiting. Give one glass of milk or water, and get medical attention immediately. If possible, do not leave victim unattended.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point

> 380.0 F (193.3 C) COC

Explosive Limit

No data

MSDS - Material Safety Data Sheet

National Guards
6900 Washington Blvd.
Montebello, CA 90640
(800) 736-7606

24-HOUR EMERGENCY
CHEM-TEL, INC.
Toll Free - Inside U.S. (800) 255-3924
International (813) 248-0585

PRODUCT I.D. No.: **NG100 Machine Oil**

Page: 3 of 6

SECTION 5 - FIRE FIGHTING MEASURES (continued) =====

Auto ignition Temperature

No data

Hazardous Products of Combustion

May form: carbon dioxide and carbon monoxide, oxides of sulfur, nitrogen and phosphorus, various hydrocarbons.

Fire and Explosion Hazards

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Dense smoke may be generated while burning.

Extinguishing Media

Regular foam, carbon dioxide, dry chemical.

Fire Fighting Instructions

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health- 1, Flammability -1, Reactivity- 0

SECTION 6 - ACCIDENTAL RELEASE MEASURES =====

Small Spill

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

SECTION 7 - HANDLING AND STORAGE =====

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Not applicable

MSDS - Material Safety Data Sheet

National Guards
6900 Washington Blvd.
Montebello, CA 90640
(800) 736-7606

24-HOUR EMERGENCY
CHEM-TEL, INC.
Toll Free - Inside U.S. (800) 255-3924
International (813) 248-0585

PRODUCT I.D. No.: **NG100 Machine Oil**

Page: 4 of 6

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

Eye Protection

Not required under normal conditions of use. However, if misting or splashing conditions exist, then safety glasses or chemical splash goggles are advised.

Skin Protection

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product.. wear normal work clothing covering arms and legs.

Respiratory Protections

Not required under normal conditions of use. However, if oil mists are generated above recommended PEL/TLV of 5 mg/m³, then a NIOSH/MSHA approved respirator is advised in absence of proper environmental control. (Consult your industrial hygienist.)

Engineering controls

Not required under normal conditions of use. However, if unusual operating conditions exist, then provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL/TLV (s).

Exposure Guidelines

Component

PETROLEUM LUBE OIL (64742-65-0)
OSHA VPEL 5.000 mg/m³ - TWA Oil Mist
ACGIH TLV 5.000 mg/m³ - TWA Oil Mist

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES =====

Boiling Point

No data

Vapor Pressure

(for product) <100 mmHg @ 68.00 F

Specific Vapor Density

> 10.000 @ AIR=1

Specific Gravity

.865 @ 60.00 F

Liquid Density

7.210 lbs/gal @ 60.00 F
.865 kg/l @ 15.60 c

Percent Volatiles (Including water)

No data

Evaporation Rate

<.01

MSDS - Material Safety Data Sheet

National Guards
6900 Washington Blvd.
Montebello, CA 90640
(800) 736-7606

24-HOUR EMERGENCY
CHEM-TEL, INC.
Toll Free - Inside U.S. (800) 255-3924
International (813) 248-0585

PRODUCT I.D. No.: **NG100 Machine Oil**

Page: 5 of 6

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) =====

Appearance

No data

State

LIQUID

Physical Form

HOMO SOLN

Color

CLEAR, COLOR 2 MAX (D1500)

Odor

No data

pH

Not applicable

SECTION 10 - STABILITY AND REACTIVITY =====

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: carbon dioxide and carbon monoxide, oxides of sulfur, nitrogen and phosphorus, various hydrocarbons.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: strong oxidizing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION =====

No data

SECTION 12 - ECOLOGICAL INFORMATION =====

No data

SECTION 13 - DISPOSAL CONSIDERATION =====

Waste Management Information

Dispose of in accordance with all applicable local, state and federal regulations.

MSDS - Material Safety Data Sheet

National Guards
6900 Washington Blvd.
Montebello, CA 90640
(800) 736-7606

24-HOUR EMERGENCY
CHEM-TEL, INC.
Toll Free - Inside U.S. (800) 255-3924
International (813) 248-0585

PRODUCT I.D. No.: **NG100 Machine Oil**

Page: 6 of 6

SECTION 14 - TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:
Not Regulated

Container/Mode:

DRUMS/SURFACE - NO EXEMPTIONS

NOS Component:

None

RO (Reportable Quantity) - 49 CFR 172.101

Not applicable

SECTION 15 - REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4

None

SARA 302 Components - 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class - 40 CFR 370.2

Immediate(X) Delayed() Fire() Reactive() Sudden
Release of Pressure()

SARA 313 components - 40 CFR 372.65

None

International Regulations

Inventory Status

DSL (CANADA) The intentional ingredients of this product are listed.

EINECS (EUROPE) The intentional ingredients of this product are listed.

State and Local Regulations

California Proposition 65

None

SECTION 16 - OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances .