



Boss PGS 100% Safety Data Sheet

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: PGS-100

Other means of identification

Product code: 340101

Synonyms: None

Recommended use of the chemical and restrictions on use

Recommended Use: Lubricant.

Uses advised against: No information available

MANUFACTURER/SUPPLIER

Boss Lubricants
112, 6303 30 St. SE
Calgary, AB
T2C 1R4

Emergency Phone Number(s)
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Original Issue Date: September 29, 1988

Section 2: HAZARD IDENTIFICATION

Classification

OSHA Regulatory Status: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

WHMIS 2015 Regulatory Status:

This chemical is not considered hazardous by the Canadian Hazardous Products Regulations (WHMIS 2015).
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label Elements

EMERGENCY OVERVIEW:

Signal word: Not Classified

Hazard statements: None

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance: Oil

Eyes: None

Skin: None

Inhalation: None

Ingestion: None

Hazards not otherwise classified (HNOC)





Boss PGS 100% SDS Safety Data Sheet

Physical state: Liquid
Odor: Mild
Other information: Harmful to aquatic life with long lasting effects

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4: FIRST AID MEASURES

First aid measures

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact: Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation: In the case of inhalation of aerosol/mist consult a physician if necessary.
Ingestion: Drink plenty of water. Do not induce vomiting without medical advice. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

Section 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water. Dry chemical. Carbon dioxide (CO₂). Foam.

Unsuitable extinguishing media: No information available Specific hazards arising from the chemical. In the event of fire, cool tanks with water spray.

Explosion data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Contaminated surfaces will be extremely slippery. Use personal protective equipment.

Environmental precautions: Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.



Boss PGS 100% SDS Safety Data Sheet

Section 7: HANDLING AND STORAGE

Precautions for safe handling: Spilling onto the container's outside will make container slippery. Avoid contact with eyes and skin.

Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers dry and tightly closed to avoid moisture absorption and contamination

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines: Contains mineral oil, vegetable oil, and/or synthetic oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg/m³, ACGIH STEL of 10 mg/m³.

Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Respiratory protection: Breathing apparatus needed only when aerosol or mist is formed.

Hand protection: Nitrile rubber

Eye protection: Safety glasses

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect

General Hygiene Considerations: Avoid contact with skin, eyes and clothing

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Liquid	Odor:	Mild
Appearance:	Oil	Odor Threshold:	No information available
Colour:	Clear	pH:	Not applicable
Melting Point/Freezing Point:	No information available	Vapor pressure:	No information available
Flash Point:	232°C/450°F	Specific gravity:	>1.0
Flammability(solid, gas):	No information available	Solubility in other solvents:	No information available
Upper flammability limit:	No information available	Autoignition Temperature:	No information available
Boiling Point/Boiling Range:	No information available	Kinematic Viscosity:	Approx. 100 cSt @ 40°C
Evaporation Rate:	No information available	Vapor Density:	No information available
Flammability Limit In Air:	No information available	Water Solubility:	Soluble in water
Lower Flammability Limit:	No information available	Partition Coefficient:	No information available
Decomposition Temp	No information available	Explosive Properties:	No information available
Dynamic Viscosity:	No information available	Molecular Weight:	No information available
Oxidizing Properties:	No information available	VOC Content (%):	No information available
Softening Point:	No information available		





Boss PGS 100% SDS Safety Data Sheet

Density: No information available **Bulk Density:** No information available

Section 10: STABILITY AND REACTIVITY

Reactivity: Not applicable
Chemical stability
Stability: Stable under recommended storage conditions
Possibility of Hazardous None under normal processing.
Reactions:
Hazardous polymerization:
Does not occur.
Conditions to avoid: No special storage conditions required
Hazardous Decomposition Products: None reasonably foreseeable.
Incompatible materials: No information available

Section 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information: Product does not present an acute toxicity hazard based on known or supplied information
Eye contact: May cause slight irritation.
Skin contact: Substance does not generally irritate and is only mildly irritating to the skin.
Inhalation: Avoid breathing vapors or mists.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization: No sensitization responses were observed.
Mutagenic effects: Did not show mutagenic or teratogenic effects in animal experiments.
Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity: This product does not contain any known or suspected reproductive hazards.
STOT - Single Exposure: None under normal use conditions.
STOT - Repeated Exposure: None under normal use conditions.
Aspiration hazard: Not applicable.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 7136 mg/kg **ATEmix (dermal)** 14330 mg/kg



Boss PGS 100% SDS Safety Data Sheet

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic life with long lasting effects. 0.10% of the mixture consists of components(s) of unknown hazards to the aquatic environment
Persistence and degradability:	No information available.
Bioaccumulation:	No information available.
Mobility:	Soluble in water.

Section 13: DISPOSAL CONSIDERATIONS

Waste treatment methods:	Disposal of wastes. Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging:	Do not reuse container.

Section 14: TRANSPORT INFORMATION

Basic Description: Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

DOT

Proper Shipping Name:	Not regulated for transport.
UN Number:	Not regulated for transport.
Hazard Class:	Not regulated for transport.
Packing Group:	Not regulated for transport.

TDG

Proper Shipping Name:	Not regulated for transport.
UN Number:	Not regulated for transport.
Hazard Class:	Not regulated for transport.
Packing Group:	Not regulated for transport.

IMDG

Proper Shipping Name:	Not regulated for transport.
UN Number:	Not regulated for transport.
Hazard Class:	Not regulated for transport.
Packing Group:	Not regulated for transport.
Marine Pollutant:	Not regulated for transport.

IATA

Proper Shipping Name:	Not regulated for transport.
UN Number:	Not regulated for transport.
Hazard Class:	Not regulated for transport.
Packing Group:	Not regulated for transport.

International Bulk Chemical Code: This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.



Boss PGS 100% SDS Safety Data Sheet

Section 15: REGULATORY INFORMATION

International Inventories

TSCA: Listed in TSCA
DSL: All of the components in this product are listed in DSL
Canada HPR Statement: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

US Federal Regulations

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard: No
Chronic Health Hazard: No
Fire Hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations (RTK)

California proposition 65: This product does not contain any Proposition 65 chemicals
U.S. EPA Label Information: Not applicable

Section 16: OTHER INFORMATION

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References

ACGIH: American Conference of Governmental Industrial Hygienists	IMDG: International Maritime Dangerous Goods
AIHA: American Industrial Hygiene Association	IUCLID: International Uniform Chemical Information Database
BOD: Biochemical Oxygen Demand	NFPA: National Fire Protection Association
°C: Celsius	NIOSH: National Institute for Occupational Safety and Health





Boss PGS 100% SDS

Safety Data Sheet

CAS:	Chemical Abstracts Service	NTP:	National Toxicology Program
CERCLA:	Comprehensive Environmental Response, Compensation, and Liability Act	OSHA:	Occupational Safety and Health Administration
CFR:	Code of Federal Regulations	PEL:	Permissible Exposure Limit
CPR:	Controlled Products Regulations	RTK:	Right-to-Know
DOT:	United States Department of Transportation	SARA:	Superfund Amendments and Reauthorization Act
DSL:	Domestic Substances List	STEL:	Short-term Exposure Limit
EPA:	Environmental Protection Agency	TDG:	Transportation of Dangerous Goods
°F:	Fahrenheit	TLV:	Threshold limit value
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals	TSCA:	Toxic Substances Control Act
HMIS:	Hazardous Materials Identification System	TWA:	Time weighted average
IARC:	International Agency for Research on Cancer	UN:	United Nations
IATA:	International Air Transportation Association	WHMIS:	Workplace Hazardous Materials Information System

IDLH: Immediately Dangerous to Life or Health

Disclaimer This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

