

Material Safety Data Sheet

December 14, 2011
Revision 002

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Information

Trade Name	EZ Reach
Recommended Use	Industrial lubricant
Company	FirstPower Group LLC 8941 Dutton Drive Twinsburg, OH 44087 330-963-2050

2. HAZARDS IDENTIFICATION

Classification	Chronic aquatic toxicity, Category 4 May cause long lasting harmful effects to aquatic life May cause long-term adverse effects in the aquatic environment
Risk Phrases	Harmful: May cause lung damage if swallowed
Safety Phrases	Avoid contact with skin and eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
Precautionary Statements	Avoid release to the environment Dispose of contents/container to an approved waste disposal plant.
Poisons Schedule	S5 Caution

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms	Polyalphaolefin, PAO Antioxidant/stabilizer Zinc Diethyldithiocarbamate Metal Passivator
Molecular Formula	Mixture
Risk Phrases	R65

4. FIRST AID MEASURES

Inhalation	Move to fresh air in case of accidental inhalation of vapors Consult a physician after significant exposure
Skin Contact	Remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice
Eye Contact	Flush eyes with water as a precaution. Keep eyes wide open while flushing. If irritation persists, seek medical assistance.
Ingestion	Rinse mouth with water. Do not induce vomiting. Give a glass of water. Seek immediate medical assistance

5. FIRE FIGHTING MEASURES

Hazards	Combustible liquid. Flash point 246 – 271 deg C
Extinguishing Media	Water spray, alcohol-resistant foam, dry chemical, carbon dioxide
Protective Equipment	Wear self contained breathing apparatus
Hazardous Decomposition Products	Carbon Oxides

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation Evacuate personnel to safe areas Shut off all possible sources of ignition
Methods for Clean Up	Keep in suitable closed containers for disposal Clean contaminated floors and objects thoroughly while observing environmental regulations.

7. HANDLING AND STORAGE

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940.

Safe Handling	Do not breathe vapors/dust. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations
Storage	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

Respiratory	In case of vapor formation use a respirator with an approved filter
Hand	Chemically resistant protective gloves
Eye	Eye wash bottle with pure water. Tightly fitting safety goggles
Skin and Body	Impervious clothing.
Hygiene Measures	When using do not eat or drink. Wash hands before breaks and at the end of the workday
Protective Measures	Wear suitable protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Colorless
Odor	Odorless
Flash Point	505 deg F
Boiling Point	260 deg C
Solubility	Soluble in hydrocarbon solvents, insoluble in water
Viscosity	23.6 – 52.9 cSt at 40 deg C (ASTM D 445)
Volatility,	Noack, wt% = 3.5
Specific gravity	at 60 degrees F = 0.8326
PAO density	0.8326 grams/mL

10. STABILITY AND REACTIVITY

Chemical Stability	Stable at ambient temperatures
Conditions to Avoid	Avoid exposure to heat, sources of ignition
Incompatible Materials	Incompatible with strong oxidizing agents
Hazardous Decomposition	Oxides of carbon
Hazardous Reactions	Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression, there is greater likelihood of the patient breathing in vomit and causing damage to the lungs. Breathing in vomit may lead to aspiration pneumonia.
Eye Contact	May be an eye irritant
Skin Contact	May result in irritation
Inhalation	Breathing in vapor can result in headaches, dizziness, drowsiness and possible nausea.

Long Term Effects:	
Carcinogenicity	Not classifiable as a human carcinogen
Mutagenicity	No mutagenic effects in animal testing
Teratogenicity	No effects in animal experiments
Reproductive	No toxicity to reproduction

12. ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways
Biodegradability	This material is not expected to be readily biodegradable. Expected to be ultimately biodegradable.

13. DISPOSAL CONSIDERATIONS

Product	Dispose of wastes in an approved waste disposal facility
Contaminated Packaging	Empty remaining contents. Dispose of an unused product. Do not re-use empty containers
Methods	Suitable for incineration by approved agent.

14. TRANSPORT INFORMATION

Land – TDG	Not classified as dangerous goods
Sea – IMDG	Not classified as dangerous goods
Air – IATA/C/ICAO	Not classified as dangerous goods

15. REGULATORY INFORMATION

Classification	This material is hazardous according to criteria of ASCC; HAZARDOUS SUBSTANCE
Category	Xn: Harmful
Risk Phrases	R65: Harmful: May cause lung damage if swallowed

Safety Phrases

S24/25: Avoid contact with skin and eyes
S36: Wear suitable protective clothing
S38: In case of insufficient ventilation, wear suitable respiratory equipment
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Poison Schedule

S5 Caution

16. OTHER INFORMATION

This material safety data sheet has been prepared by FirstPower Group LLC

This MSDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since FirstPower Group LLC cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

FirstPower Group LLC's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.