



GORILLA ENGINE DEGREASER SAFETY DATA SHEET

1. IDENTIFICATION

Product Name Gorilla Engine Degreaser
 Product Code 12-50
 Recommended Use All Purpose Degreaser
 Manufacturer Nano Liquid: 2244 Faraday Ave, Suite 148, Carlsbad, CA 92008 - (760) 444-6070
 Emergency Phone Number (760) 444-6070

2. HAZARD IDENTIFICATION

Classification of Substance Mixture

Signal Word Warning
 Hazard Statements Harmful if swallowed. • Causes Skin Irritation.
 • Causes Eye Irritation. • May be harmful if inhaled.
 Exposure Routes Inhalation, Skin Absorption, Skin contact, Eye Contact, Ingestion
Eye Contact: Causes eye irritation. Symptoms include stinging, tearing, redness and blurred vision.
Skin Contact: Causes skin irritation. Prolonged or repeated contact will dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns.
Ingestion: Harmful if Swallowed. Can cause gastrointestinal irritation, nausea, vomiting & diarrhea. Aspiration of material into lungs may cause chemical pneumonitis.
Inhalation: May be harmful if inhaled. Breathing large amounts may be harmful and include nasal and respiratory irritation. Symptoms are not expected at air concentrations below the recommended exposure limits.
 Label Elements No special label requirements
 Precautionary Statements Keep out of the reach of children. Wear protective gloves and eye protection
 Storage/Disposal Dispose of according to local, regional and/or national regulations.
 Other Hazard None

HMS	
Health Hazard	2 - Moderate
Flammability Hazard	1 - Slight
Reactivity Hazard	0 - Minimal
Personal Protection	n + p

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS	CAS	%
Sodium Metasilicate	6834-92-0	1-5
Potassium Hydroxide	1310-58-3	1-5
2-butoxyethanol	111-76-2	1-5

4. FIRST AID MEASURES

Description Of First Aid Measures

Inhalation Move victim to fresh air and keep comfortable for breathing. Seek medical attention if you feel unwell.
 Skin Wash with soap and water. Remove contaminated clothing and wash before re-use.
 Eye Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation develops, seek medical attention.
 Ingestion Do not induce vomiting. Rinse mouth with water and follow with two glasses of water or milk. Get immediate medical attention

Most important systems and effects, both acute and delayed

Note Product may dry hands with frequent and prolonged use. Product may be irritating to mucous membranes

Indication of any immediate medical attention and special treatment needed

Note to Physician All treatments should be based on observed signs and symptoms of distress in the patient.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media CO₂, dry chemical, foam, water fog, water spray
 Unsuitable Extinguishing Media None

Special Hazards Arising From The Substance Or Mixture

Unusual Fire and Explosion Hazards None
 Hazardous Combustion Products Combustion may produce Carbon Monoxide, CO₂ and potentially irritating fumes.
 Advice for firefighters Wear approved SCBA with full facepiece operated in positive pressure demand mode. Hazardous Polymerization is not expected to occur. Avoid contact with strong oxidizing agents and strong acids

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment And Emergency Procedures

Personal Precautions For large spills (500 gallons or more) wear appropriate protective equipment including rubber boots, gloves, goggles and apron.
 Emergency Procedures Isolate spill or leak to prevent entering storm drains. Eliminate all sources of ignition such as pilot lights, emergency flares, etc.
 Environmental Precautions Avoid run off to waterways and storm drains.

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6. ACCIDENTAL RELEASE MEASURES (CONTINUED)

Methods And Materials For Containment And Clean Up

Containment / Clean up Measures Stop leak if you can do it without risk. Dike ahead of liquid spill to prevent entering storm drains. Absorb and transfer to containers.

7. HANDLING AND STORAGE

Precautions For Safe Handling

Handling Product is slippery. If product is spilled onto floor, clean area to prevent slipping.

Conditions For Safe Storage, Including Any Incompatibilities

Storage Store in a cool, dry place.

Incompatible Materials or Ignition Sources Keep away from oxidizers and strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Engineering Measures / Controls None needed when used as directed.

Personal Protective Equipment Safety goggles, nitrile gloves.

General Industrial Hygiene Considerations None needed when used as directed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Physical and Chemical Properties

Physical Form Liquid Appearance Clear red liquid

Color Red Odor None

Taste Data Lacking Particulate Type N/A

Particulate Size N/A Aerosol Type N/A

General Properties

Boiling Pt 212° F Melting Point 266° F

pH 12 SG / Density 1.07-1.08

Water Solubility 100% VOC < 5.0 grams / Liter

10. STABILITY AND REACTIVITY

Reactivity No dangerous reaction know under conditions of normal use.

Chemical stability Stable under normal temperatures and pressures.

Possibility of hazardous reactions Hazardous polymerization is not expected to occur.

Conditions to Avoid High temperatures, freezing temperatures.

Hazardous Decomposition Combustion may produce Carbon Monoxide, CO₂ and potentially irritating fumes.

11. TOXICOLOGICAL INFORMATION

Sodium Metasilicate CAS # 6834-92-0 LD50 - Oral: 847 mg / kg

Potassium Hydroxide CAS# 1310-58-3 LD50 - Oral 500 mg / kg

2-butoxyethanol CAS# 111-76-2 LD50 - Oral Guinea pig 1,400 mg/kg
LD50 - Rat, male 1,746 mg/kg

Skin Absorption LD50 - Rat 2,270 mg/kg

Inhalation LC50, 7 h, Vapor - Ra 700 ppm

Specific Effects

Carcinogenic Effects None known

Mutagenic Effects None known

Reproductive Toxicity None known

Target Organ Effects None known

12. ECOLOGICAL INFORMATION

2-butoxyethanol Toxicity to fish LC50-Lepomis macrochirus (Bluegill)-1,490 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates.

13. DISPOSAL CONSIDERATIONS

Disposal Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Transport Product is not regulated for ground or ocean transport.

15. REGULATORY INFORMATION

SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

Dated December 4, 2015

WARNING This information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe: Read this safety information and forward it to all persons who may be exposed to this product.



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