



SAFETY DATA SHEET

CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD
(HCS) 29 CFR 1910.1200

Page 1 of 4
Revision Date 7/30/2015
Supersedes Date 6/1/2015

SECTION 1. IDENTIFICATION

Product identifier: JAX Green-Clean Cleaner/Degreaser
Part number: 00122
Identified uses: Cleaner/degreaser
Uses advised against: Not for use where there is the possibility of contact with food. Other uses advised against may be specified elsewhere in this SDS.
Supplier: Pressure-Lube Inc. JAX
W134 N5373 Campbell Drive
Menomonee Falls, WI 53051 USA
Email contact: info@jax.com
Non-emergency contact: Phone: 262-781-7660 Fax: 262-781-3906
Emergency telephone: INFOTRAC:
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926
International 011-1-352-323-3500 (collect) China 400-120-0761

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Eye Damage Cat. 1; Skin Irritation Cat. 2

Label elements

Pictograms:



Signal word: Danger

Hazard statements: Causes skin irritation. Causes serious eye damage.

Precautionary statements: Wash thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/ doctor. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.

Hazards not otherwise classified: Not applicable.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	2-Butoxyethanol	2.5-10	111-76-2	None
	2,2'-Iminodiethanol	2.5-10	111-42-2	None
	Polyethylene glycol octylphenyl ether	<2.5	9036-19-5	None
	2-Aminoethanol	<2.5	141-43-5	None

SECTION 4. FIRST-AID MEASURES

First aid measures

Eye contact: Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

Skin contact: Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.

Ingestion: If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed: Causes skin irritation. Causes serious eye damage.

Indication of any immediate medical attention and special

attention and special See First aid measures (above).

attention and special

treatment available:**General information:** No further relevant information available.**SECTION 5. FIRE-FIGHTING MEASURES****Suitable extinguishing media:** Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.**Unsuitable extinguishing media:** Do not use direct stream of water.**Specific hazards:** Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.**Advice for firefighters:** Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined space or as otherwise needed.**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.**Environmental precautions:** Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.**Methods for containment and cleaning up** **Land spill:** Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.**Water spill:** Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling:** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.**Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Store away from oxidizing agents. Rotate stock.**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<u>Workplace exposure limits:</u>	<u>Chemical name</u>	<u>Exposure limit and source</u>
	2-Butoxyethanol	Long-term value = 123 mg/m ³ , 25 ppm Short-term value = 246 mg/m ³ , 50 ppm
	2,2'-Iminodiethanol	Not available
	Polyethylene glycol octylphenyl ether	Not available
	2-Aminoethanol	Long-term value = 2.5 mg/m ³ , 1 ppm Short-term value = 7.6 mg/m ³ , 3 ppm

Exposure controls**Engineering controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.**Ventilation:** Use in a well-ventilated area. See Engineering Controls.**Personal hygiene:** Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.**Eye protection:** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.**Hand protection:** Any lined non-permeable rubber gloves.**Respiratory protection:** Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance / odor:** Green liquid with mild characteristic detergent odor**Upper flammability limit:** Not available

Physical state:	Liquid at room temperature	Lower flammability limit:	Not available
Odor threshold:	Not available	Vapor pressure:	Not available
pH:	Not available	Vapor density:	Not available
Melting / freezing point:	Not available	Relative density:	1.02-1.06
Initial boiling point and boiling range:	Not available	Solubility in water:	100%
Flash point:	Not available	Partition coefficient (n-octanol/water):	Not available
Evaporation rate:	Not available	Autoignition temperature:	Not available
Flammability (solid, gas):	Not applicable	Decomposition temperature:	Not available
		Viscosity:	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended conditions.
Possibility of hazardous reactions:	Hazardous reactions are not expected to occur.
Conditions and materials to avoid:	Keep away from heat and direct sunlight. Avoid strong oxidants, strong alkalis and strong acids.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact:	Causes serious eye damage.
Skin contact:	Causes skin irritation.
Inhalation:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Component information:	Components	LD₅₀	LC₅₀
	2-Butoxyethanol	1480 mg/kg (oral, rat)	Not available
	2,2'-Iminodiethanol	1600 mg/kg (oral, rat)	Not available
	Polyethylene glycol octylphenyl ether	Not available	Not available
	2-Aminoethanol	Not available	Not available

Information on physical, chemical and toxicological effects

Symptoms:	Please see Section 4 of this SDS for symptoms.
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Delayed and immediate effects, and chronic effects, from short and long-terms exposure

Effects:	Causes skin irritation. Causes serious eye damage.
Carcinogenicity:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Numerical measures of toxicity:	Not determined
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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not available										
Component information:	<table> <thead> <tr> <th>Components</th> <th>L(E)C₅₀</th> </tr> </thead> <tbody> <tr> <td>2-Butoxyethanol</td> <td>Not available</td> </tr> <tr> <td>2,2'-Iminodiethanol</td> <td>Not available</td> </tr> <tr> <td>Polyethylene glycol octylphenyl ether</td> <td>Not available</td> </tr> <tr> <td>2-Aminoethanol</td> <td>Not available</td> </tr> </tbody> </table>	Components	L(E)C₅₀	2-Butoxyethanol	Not available	2,2'-Iminodiethanol	Not available	Polyethylene glycol octylphenyl ether	Not available	2-Aminoethanol	Not available
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Polyethylene glycol octylphenyl ether	Not available										
2-Aminoethanol	Not available										
Persistence and	Not determined										

degradability:**Bioaccumulative potential:** Not determined**potential:****Mobility in soil:** Not available**Other adverse effects:** Not determined**SECTION 13. DISPOSAL CONSIDERATIONS****Waste treatment methods:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.**SECTION 14. TRANSPORTATION INFORMATION**

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

	Proper Shipping Name:	UN Number:	Hazard Class:	Packing Group:	Remarks:
U.S. D.O.T.	Not regulated	None	None	None	None
ADR/RID	Not regulated	None	None	None	None
IMDG	Not regulated	None	None	None	None
IATA	Not regulated	None	None	None	None

SECTION 15. REGULATORY INFORMATION**U.S. Federal Regulations**

SARA Section 302 Extremely Hazardous Substances: This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None

SARA Section 304 CERCLA Hazardous Substances: Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA: Diethanolamine, CAS #111-42-2, RQ = 100 lbs.

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: SARA 313 Category: Glycol ethers, Amount ≤ 10.0%
SARA 313 List: Diethanolamine, CAS #111-42-2, Amount < 3.0%

TSCA Inventory: All components of this material are on the U.S. TSCA Inventory.

U.S. State Regulations

California Proposition 65 Status: This product does not contain chemical(s) known to the State of California to cause birth defects or other reproductive harm.

California Proposition 65 Listed Components: None

International Regulations

Canada: All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this SDS contains all the information required by CPR.

Japan MITI: Not available

Australia: Not available

Switzerland: Not available

SECTION 16. OTHER INFORMATION

Sections Revised: New SDS format

Revision Date: 7/30/2015

The information and recommendations contained herein are, to the best of Pressure-Lube Inc.'s knowledge and belief, accurate and reliable as of the date issued. Pressure-Lube Inc. makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and Pressure-Lube Inc. shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with Pressure-Lube Inc.'s interpretation of the available data.

*** END OF SDS ***