



AJ Chemical Lubricants Co. Inc.

MATERIAL SAFETY DATA SHEET

REVISION DATE: 07/24/2013

REVISION NUMBER:

1

DATE PRINTED: 07/25/2013

PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **THRUST RINSE FREE STRIPPER**

PRODUCT CODE: 119664

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 2/2

Fire: 0/0

Reactivity: 0/0

Special/Protective Equipment: ALK/B

Emergency Phone:

INFOTRAC: 1-800-535-5053

OUTSIDE US: 1-352-323-3500

DISTRIBUTED BY: AJ Chemical Lubricants &
Equipment Co.
915 Pleasant Street
Richmond, VA 23223

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May cause severe irritation. Causes vomiting, nausea, and diarrhea.
SKIN CONTACT: Long term effects are identified by severe irritation, discomfort, swelling, and possible tissue degradation. May cause dryness and irritation.
INHALATION: Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness.
EYE CONTACT: May cause severe eye irritation.
CHRONIC EFFECTS: 2-Butoxyethanol is readily absorbed through the skin; frequent or widespread contact may absorb harmful amounts. Repeated overexposure may cause damage to liver, kidney, and red blood cells.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
2-BUTOXYETHANOL 111-76-2	5 - 10	20 ppm	240 mg/m ³ 50 ppm
Triphosphoric Acid, Pentasodium Salt 7758-29-4	1 - 2	Not applicable	Not applicable
Ethoxylated linear primary alcohol 68439-46-3	1 - 2	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. If vomiting occurs, give additional water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

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4. FIRST AID MEASURES

SKIN:	Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.
INHALATION:	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYES:	In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
NOTES TO PHYSICIAN:	None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): None to boiling (C): None to boiling
METHOD:	TCC
FLAMMABLE LIMITS IN AIR	
LOWER (%):	NA
UPPER (%):	NA
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	As for surrounding fire. Product will not burn.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:	Mop up all possible. Flush residue with water.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water. Releases of some glycol ethers may be CERCLA reportable.

PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Caution: Alkaline liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry area.
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OTHER PRECAUTIONS:	Keep out of reach of children.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	Use in a well ventilated area.
RESPIRATORY PROTECTION:	Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.
PROTECTIVE GLOVES:	Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.
EYE PROTECTION:	Safety glasses are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	Eyewash fountains and safety showers must be easily accessible. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear yellow-green liquid. Floral scent.	
BOILING POINT (F):	212°	(C) 100°
VAPOR PRESSURE:	Not determined	
VAPOR DENSITY (AIR=1):	Not determined	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	1.01 - 1.03	
BULK DENSITY:	8.50	
VOC Content (%):	5.45	
EVAPORATION RATE:	Not determined	
PH:	12 - 13	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Oxides of Carbon. Oxides of Phosphorus.
INCOMPATIBILITY (MATERIALS TO AVOID):	Avoid contact with: Acids. Strong alkalis. Strong oxidents, such as nitric acid, or hypochlorites.
CONDITIONS/HAZARDS TO AVOID:	None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	Not applicable.
PERSISTENCE/DEGRADABILITY:	Not applicable
BIOACCUMULATIVE POTENTIAL:	Not applicable
OTHER ADVERSE EFFECTS:	Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
2-BUTOXYETHANOL 111-76-2	5 - 10	Listed	Listed	Listed	Not Listed
Triphosphoric Acid, Pentasodium Salt 7758-29-4	1 - 2	Listed	Listed	Listed	Not Listed
Ethoxylated linear primary alcohol 68439-46-3	1 - 2	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
2-BUTOXYETHANOL 111-76-2	5 - 10	Not Listed	Not Listed	Not Listed
Triphosphoric Acid, Pentasodium Salt 7758-29-4	1 - 2	Not Listed	Not Listed	Not Listed
Ethoxylated linear primary alcohol 68439-46-3	1 - 2	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
2-BUTOXYETHANOL 111-76-2	5 - 10	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
2-BUTOXYETHANOL 111-76-2	5 - 10	Listed
Triphosphoric Acid, Pentasodium Salt 7758-29-4	1 - 2	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
2-BUTOXYETHANOL 111-76-2	5 - 10	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
2-BUTOXYETHANOL 111-76-2	5 - 10	Listed
Triphosphoric Acid, Pentasodium Salt 7758-29-4	1 - 2	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***