

SECTION 1 – IDENTIFICATION

GHS Product Identifier | Trade Name: Cola®Lube 3400
CAS Number: Proprietary
Uses of the Substance / Mixture: Phosphate Ester
Company Name: Colonial Chemical, Inc.
Company Address: P.O. Box 111, South Pittsburg, TN 37380 USA
Phone Number: (P) 423.837.8800 (F) 423.837.3888
Emergency Phone Number: Colonial Chemical: 423.837.8800 Chemtrec: 800.424.9300

SECTION 2 – HAZARDOUS IDENTIFICATION

Classification: (GHS/Regulation EC No 1272/2008)

Acute Toxicity, Category 4	H302: Harmful if swallowed
Skin Irritation, Category 2	H315: Causes skin irritation
Eye Damage, Category 1	H318: Causes serious eye damage
Suspected Carcinogen, Category 2	H351: Suspected of causing cancer
Specific Target Organ Toxicity (Repeat Exposure), Category 2	H373: May cause damage to organs through prolonged or repeated exposure

Label Elements:

Hazardous products which must be listed on the label:

Diethanolamine CAS: 111-42-2 21%

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Pictogram:



Signal word:

Danger

Hazard statements:

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

Precautionary statements:

General
None

Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.

P264 P270 P280	Wash hands and exposed skin thoroughly after handling Do not eat, drink or smoke when using this product. Wear protective gloves/eye protection/face protection
Response P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352 P305+P351+P338	IF ON SKIN: Wash with plenty of soap and water IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 P310 P314 P330 P332+P313 P337+P313 P362+P364	IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER/doctor Get Medical advice/attention if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists get medical advice/attention. Take off contaminated clothing and wash it before reuse
Storage P401 P404 P405 P420	Store in an area between 10-49°C Store in a closed container Store locked up. Store away from strong oxidizing agents and reducing agents
Disposal P501	Dispose of contents/container in accordance with local, regional, national and/or international regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Phosphate Ester

Information on Components and Impurities

Diethanolamine CAS: 111-42-2 21%

SECTION 4 – FIRST AID MEASURES

Description of necessary first-aid measures

General advice:	Show this safety data sheet to the doctor in attendance. First aider needs to protect himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation:	Remove victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
Skin contact:	In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. If skin irritation continues: Get medical attention.
Eye contact:	In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.

Ingestion: Do NOT induce vomiting without medical advice. Do not give anything to drink. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: H₂O, CO₂, Dry Chemical, BC/ABC Extinguishers

Unsuitable extinguishing media: High volume water jet

Special hazards arising from the substance or mixture

Specific hazards during firefighting: On combustion forms carbon monoxide, carbon dioxide, potassium oxide

Advice for firefighters

Special protective equipment: Self-contained breathing apparatus (EN 133)
Full protective suit

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes. Wear suitable protective equipment. Wear suitable gloves. Tightly fitting safety goggles. Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid. For further information refer to section 8 "Exposure controls/personal protection".

Environmental precautions

Contain the spilled material by bunding. Try to prevent the material from entering drains or water courses.

Methods for Cleaning or Taking Up

Recovery: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Wash off with plenty of water.

Decontamination/cleaning: Wash off with plenty of water. Recover the cleaning water for subsequent disposal.

Disposal: Dispose of in accordance with local regulations.

Additional advice

Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 – HANDLING AND STORAGE

Handling

Advice on safe handling and usage: Avoid contact with skin and eyes
Handle in accordance with good industrial hygiene and safety practice.

Storage

Recommended: Store in original container. Store tightly closed. Store in an area between 10-30 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
DIETHANOLAMINE				
0.46 PPM	N/est	N/est	N/est	3.00 PPM

Control Measures

Engineering measures: Avoid splashes. Apply technical measures to comply with any occupational exposure limits when applicable.

Personal protective equipment

Respiratory protection:	In the case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection:	Wear appropriate gloves. In EU member states, gloves should satisfy the specification of EU Directive 89/686/EEC and the standard EN 374 derived from it. Please observe instructions provided by the glove supplier regarding permeability and breakthrough time. Also, take into consideration the specific local conditions under which the product is used, such as danger of cuts, abrasion and the contact time. Gloves must be inspected prior to use. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Eye protection:	Wear safety goggles. In case of contact through splashing: Wear face-shield and protective suit.
Skin and body protection:	Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated clothing before wearing again.
Hygiene measures:	Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well-maintained personal protection equipment. Store the personal protection equipment in a clean location away from the work area. Contaminated work clothing should not be allowed out of the workplace. Before re-use, thoroughly clean personal protection equipment. Wash hands before breaks and immediately after handling the product. Shower or bathe at the end of working. When using the product do not eat, drink or smoke.
Protective measures:	The protective equipment must be selected in accordance with current CEN standards and in cooperation with the supplier of the protective equipment. Selection of appropriate personal protective equipment should take into account the performance of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards and/or risks that may occur during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Liquid
Physical state:	Liquid
Color:	Dark Brown
Odor:	characteristic
Odor Threshold:	no data available

Safety data

pH 10% IPA/H ₂ O:	11.5
Melting point/range:	no data available
Boiling point/boiling range:	> 93°C
Flash point:	> 93°C closed cup
Flammability (solid, gas):	no data available
Auto-ignition temperature	no data available
Water solubility:	soluble
Solubility in other solvents	no data available
Partition coefficient: noctanol/water:	no data available
Relative vapour density:	> 1
Relative density:	no data available
Density:	no data available
Oxidation/Reduction Potential:	no data available
Viscosity:	no data available
Explosive properties:	no data available
Thermal decomposition:	no data available
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Specific Gravity:	0.9826

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Hazardous reactions

Conditions to avoid
Materials to avoid

Prolonged, excessive heat
Strong oxidizing agents, reducing agents, strong acids, strong bases

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity:	no data available
Acute inhalation toxicity:	no data available
Acute dermal toxicity:	no data available
Other routes of administration:	no data available
Aspiration toxicity:	no data available

Skin corrosion/irritation

Skin irritation:	no data available
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Serious eye damage/eye irritation

Eye irritation:	no data available
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Respiratory or skin sensitization

Sensitization:	no data available
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Repeated dose toxicity

Repeated dose toxicity:	no data available
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STOT

STOT - single exposure:	no data available
STOT - repeated exposure:	no data available

Carcinogenicity

Carcinogenicity:	no data available
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Mutagenicity

Genotoxicity in vitro:	no data available
Genotoxicity in vivo:	no data available

Reproductive toxicity

Reproductive toxicity:	no data available
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SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity assessment

Ecotoxicity assessment:	no data available
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Persistence and degradability

Biodegradability:	no data available
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Bioaccumulation

Bioconcentration factor (BCF):	no data available
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Other adverse effects

Environment assessment:	no data available
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SECTION 13 – DISPOSAL CONSIDERATIONS

Product Disposal

Advice on Disposal:	Dispose of in accordance with local regulations.
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SECTION 14 – TRANSPORTATION INFORMATION

DOT

Environmentally Hazardous Substance (Contains Diethanolamine)

IATA UN3082, Class 9, Packing Group III
Environmentally Hazardous Substance (Contains Diethanolamine)
UN3082, Class 9, Packing Group III

(ADDITIONAL DESC.) RQ (DIETHANOLAMINE)
DIETHANOLAMINE RQ QTY (IN GALLONS 55 GAL Drum)
***RQ AMOUNT**

THIS ITEM CONTAINS DIETHANOLAMINE WHICH HAS AN RQ AMOUNT OF 100 LBS.
THE QUANTITY OF THIS PRODUCT THAT CONTAINS THE RQ AMOUNT OF
DIETHANOLAMINE IS LISTED ABOVE.
ANY CONTAINER/PACKAGE THAT HOLDS AN EQUAL OR GREATER AMOUNT IS A
DOT HAZARDOUS SUBSTANCE AND IS SHIPPED AS FOLLOWS:

SECTION 15 – REGULATORY INFORMATION

TSCA: Listed

California Proposition 65: This product contains the following chemicals known to the state of California to cause cancer and/or birth defects or reproductive harm.
Diethanolamine CAS:111-42-2

Follow all regulations in your country or region. Colonial Chemical, Inc is unable to confirm all regulatory information in regard to the substances in your country or region, and this information is subject to change without notice.

SECTION 16 – OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

Full text of P-Statements referred to under sections 2 and 3.

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash hands and exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/eye protection/face protection
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor
P314	Get Medical advice/attention if you feel unwell.
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse
P401	Store in an area between 10-49°C
P404	Store in a closed container
P405	Store locked up.
P420	Store away from strong oxidizing agents and reducing agents
P501	Dispose of contents/container in accordance with local, regional, national and/or international regulations.

Safety Data Sheet

Cola®Lube 3400



HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

The information provided in this Safety Data Sheet is accurate to the best of Colonial Chemical, Inc.'s knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.

REVISED BY J.PALMER 03/25/2015