

# SAFETY DATA SHEET

## ADDITIN RC 3770



Version 1.0      Revision Date: 05/18/2018      SDS Number: 103000010554      Date of previous issue: -  
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### SECTION 1. IDENTIFICATION

Product name : ADDITIN RC 3770  
Material number : 57587072  
Recommended use : Additive for lubricants

#### Manufacturer or supplier's details

Supplier : LANXESS Corporation  
Product Safety & Regulatory Affairs  
111 RIDC Park West Drive  
PittsburghPA 15275-1112  
USA  
Telephone : +1800LANXESS  
+14128091000 (international)  
Emergency telephone : CHEMTREC (800) 424 9300  
International (703) 527 3887  
Lanxess Emergency Phone (800) 410-3063


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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute toxicity (Oral) : Category 4  
Skin corrosion : Category 1B  
Serious eye damage : Category 1  
Specific target organ system-ic toxicity - single exposure : Category 3 (Respiratory system)

#### GHS label elements

Hazard pictograms : 

Signal Word : Danger

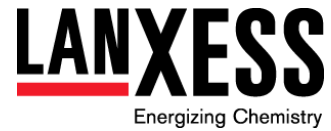
Hazard Statements : Harmful if swallowed.  
Causes severe skin burns and eye damage.  
May cause respiratory irritation.

Precautionary Statements : **Prevention:**  
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
Wash skin thoroughly after handling.

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Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.  
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.  
Wash contaminated clothing before reuse.

### Storage:

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

### Disposal:

Dispose of contents/ container to an approved waste disposal plant.

### Hazard Not Otherwise Classified (HNOC)

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture  
Chemical nature : AMINE NEUTRALIZED PHOSPHORIC-ACID ESTER, in mineral oil

### Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
Amines, C12-14-tert-alkyl, compds. with 9-octadecen-1-ol-sulfur polymer dihydrogen phosphate	144468-70-2	>= 50 - < 70
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	>= 10 - < 20
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 5 - < 10
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	>= 1 - < 5
Distillates, petroleum, solvent-refined heavy naphthenic	64741-96-4	>= 1 - < 5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. FIRST AID MEASURES

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- If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If unconscious, place in recovery position and get medical attention immediately.  
Maintain open airway.  
Loosen tight clothing such as a collar, tie, belt or waistband.  
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- In case of skin contact : Wash off immediately with plenty of water.  
Remove contaminated clothing and shoes.  
Continue to rinse for at least 20 minutes.  
Wash contaminated clothing before reuse.  
Chemical burns must be treated promptly by a physician.
- In case of eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.  
Remove contact lenses.  
Continue to rinse for at least 20 minutes.  
Chemical burns must be treated promptly by a physician.
- If swallowed : Rinse mouth with water.  
Do not induce vomiting. Drink water. Call physician immediately.  
If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.  
If unconscious, place in recovery position and get medical attention immediately.  
Maintain open airway.  
Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms and effects, both acute and delayed

- Symptoms : Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.  
Skin: Reddening, burning, and possible permanent damage.  
May cause respiratory tract irritation with symptoms of coughing, sore throat and runny nose.  
Symptoms of ingestion may include abdominal pain, nausea, vomiting, and diarrhea.
- Effects : Harmful if swallowed.  
Causes serious eye damage.  
May cause respiratory irritation.  
Causes severe burns.
- Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.
- Notes to physician : No special actions required.  
  
Treat symptomatically.

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### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
In case of fire, use water spray (fog), foam or dry chemical.
- Specific hazards during fire fighting : In a fire or if heated, a pressure increase will occur and the container may burst.  
Cool closed containers exposed to fire with water spray.  
  
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide
- Further information : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.  
No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training.  
Evacuate personnel to safe areas.  
Keep unnecessary and unprotected personnel from entering.  
Do not touch or walk through spilled material.  
Use personal protective equipment.
- Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Local authorities should be advised if significant spillages cannot be contained.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so.  
Move containers from spill area.  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Dispose of wastes in an approved waste disposal facility.  
Do not allow into the sewerage system, surface waters or groundwater or into the soil.
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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid inhalation, ingestion and contact with skin and eyes.  
Use only with adequate ventilation/personal protection.
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Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

Empty containers retain product residue; observe all precautions for product.

Do not re-use empty containers.

Remove contaminated clothing and protective equipment before entering eating areas.

Workers should wash hands and face before eating, drinking and smoking.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Conditions for safe storage : Store in accordance with local regulations.  
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.  
Keep containers sealed until ready for use.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Do not store in unlabeled containers.  
Use appropriate container to avoid environmental contamination.

Further information on storage stability : No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Hazardous components without workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m3	ACGIH
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m3	ACGIH
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m3	ACGIH
Distillates, petroleum, solvent-refined heavy naphthenic	64741-96-4	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m3	ACGIH

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Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m3	ACGIH

### Hazardous components without workplace control parameters

Ingredients	CAS-No.
Amines, C12-14-tert-alkyl, compds. with 9-octadecen-1-ol-sulfur polymer dihydrogen phosphate	144468-70-2

**Engineering measures** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Personal protective equipment

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
Recommended:  
NIOSH approved, air-purifying organic vapor respirator.

**Hand protection**  
Material : Nitrile rubber  
Wearing time : < 60 min

**Remarks** : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**Eye protection** : Tightly fitting safety goggles

**Skin and body protection** : Wear suitable protective clothing.

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.  
Appropriate techniques should be used to remove potentially contaminated clothing.  
Wash contaminated clothing before reusing.  
Ensure that eyewash stations and safety showers are close to the workstation location.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : light brown

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Odor : characteristic

Odor Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : 284 °F (140 °C)  
Method: closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit : No data available

Vapor pressure : No data available

Relative vapor density : No data available

Relative density : No data available

Density : 0.95 g/cm<sup>3</sup> (68 °F (20 °C))

Solubility(ies)  
Water solubility : insoluble

Partition coefficient: n-octanol/water : No data available

Ignition temperature : No data available

Decomposition temperature : No data available

Viscosity  
Viscosity, kinematic : 3000 cSt (104 °F (40 °C))

Explosive properties : No data available

Oxidizing properties : No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

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Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : Reducing agents  
Oxidizing agents  
Acids and bases

Materials to avoid : No data available

Hazardous decomposition products : No data available

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### SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

#### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact  
Ingestion

#### Acute toxicity

Harmful if swallowed.

#### Product:

Acute oral toxicity : Acute toxicity estimate: 852.46 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: 67.52 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

Acute toxicity (other routes of administration) :  
Remarks: Test results on an analogous product

#### Ingredients:

#### **Amines, C12-14-tert-alkyl, compds. with 9-octadecen-1-ol-sulfur polymer dihydrogen phosphate:**

Acute oral toxicity : LD50 (Rat): 1,000 - 2,000 mg/kg

#### **Distillates, petroleum, hydrotreated light naphthenic:**

Acute oral toxicity : LD50 Oral (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.53 mg/l

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Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 Dermal (Rabbit, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 402

**Distillates (petroleum), hydrotreated light paraffinic:**

Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 401  
GLP: yes

Acute inhalation toxicity : LC50 (Rat, male and female): > 5.53 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male and female): > 5,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes

**Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 5.53 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: OECD Test Guideline 403  
Assessment: The substance or mixture has no acute inhalation toxicity  
Remarks: Highest producible concentration.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg  
Method: OECD Test Guideline 402

**Distillates, petroleum, solvent-refined heavy naphthenic:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit, male and female): > 5,000 mg/kg

**Skin corrosion/irritation**

Causes severe burns.

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### **Product:**

Remarks: Extremely corrosive and destructive to tissue.

Result: Causes burns.

Remarks: In analogy to test results for similarly composed products.

### **Ingredients:**

#### **Distillates, petroleum, hydrotreated light naphthenic:**

Species: Rabbit

Result: No skin irritation

#### **Serious eye damage/eye irritation**

Causes serious eye damage.

### **Product:**

Result: Irreversible effects on the eye

Remarks: \* In analogy to test results for a similarly composed product.

### **Ingredients:**

#### **Distillates, petroleum, hydrotreated light naphthenic:**

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

#### **Respiratory or skin sensitization**

##### **Skin sensitization**

Not classified based on available information.

##### **Respiratory sensitization**

Not classified based on available information.

### **Ingredients:**

#### **Distillates, petroleum, hydrotreated light naphthenic:**

Routes of exposure: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitization on laboratory animals.

#### **Distillates (petroleum), hydrotreated light paraffinic:**

Routes of exposure: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitization on laboratory animals.

GLP: yes

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**Germ cell mutagenicity**

Not classified based on available information.

**Ingredients:****Distillates (petroleum), hydrotreated light paraffinic:**

Genotoxicity in vitro : Test system: Mammalian-Animal  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 473  
Result: negative  
GLP: yes

Test system: Mammalian-Animal  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 476  
Result: negative  
GLP: yes

Test system: Bacteria  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: positive

**Carcinogenicity**

Not classified based on available information.

**Ingredients:****Distillates, petroleum, hydrotreated light naphthenic:**

Carcinogenicity - Assessment : Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)

**Distillates (petroleum), hydrotreated light paraffinic:**

Carcinogenicity - Assessment : Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)

**Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:**

Carcinogenicity - Assessment : Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)

**Distillates, petroleum, solvent-refined heavy naphthenic:**

Carcinogenicity - Assessment : Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)

**IARC**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### **Reproductive toxicity**

Not classified based on available information.

### **Ingredients:**

#### **Distillates (petroleum), hydrotreated light paraffinic:**

Effects on fertility

: Species: Rat, male and female  
Application Route: Oral  
Dose: >= 1000 milligram per kilogram  
Duration of Single Treatment: 30 Months  
Symptoms: NOAEL  
Method: OECD Test Guideline 421  
GLP: yes

Species: Rat, female  
Application Route: Dermal  
Dose: 125 milligram per kilogram  
Duration of Single Treatment: 18 d  
Symptoms: LOAEL (Lowest observed adverse effect level) :  
Maternal toxicity  
Method: OECD Test Guideline 414  
GLP: yes

Species: Rat, female  
Application Route: Dermal  
Dose: >= 2000 milligram per kilogram  
Duration of Single Treatment: 18 d  
Symptoms: NOAEL : Teratogenicity  
Method: OECD Test Guideline 414  
GLP: yes

### **STOT-single exposure**

May cause respiratory irritation.

### **Ingredients:**

#### **Distillates, petroleum, hydrotreated light naphthenic:**

Assessment: May cause respiratory irritation.

#### **Distillates (petroleum), hydrotreated light paraffinic:**

Assessment: May cause respiratory irritation.

#### **Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:**

Assessment: May cause respiratory irritation.

#### **Distillates, petroleum, solvent-refined heavy naphthenic:**

Assessment: May cause respiratory irritation.

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### **STOT-repeated exposure**

Not classified based on available information.

### **Repeated dose toxicity**

#### **Ingredients:**

#### **Distillates (petroleum), hydrotreated light paraffinic:**

Species: Rat, male  
LOAEL: 125 mg/kg  
Application Route: Oral  
Exposure time: 90 d  
Number of exposures: 5 days/week  
Dose: 125 mg/kg  
Method: OECD Test Guideline 408  
Remarks: Subchronic toxicity

Species: Rabbit, male and female  
NOAEL: 1,000 mg/kg  
Application Route: Skin contact  
Exposure time: 4 Weeks  
Dose: 1000 mg/kg  
Method: OECD Test Guideline 410  
GLP: yes  
Remarks: Subacute toxicity

Species: Rat, male and female  
NOAEL: > 980 mg/m<sup>3</sup>  
Application Route: Inhalation  
Test atmosphere: dust/mist  
Exposure time: 4 Weeks  
Dose: > 980 mg/m<sup>3</sup>  
GLP: no  
Remarks: Subacute toxicity

### **Aspiration toxicity**

Not classified based on available information.

#### **Ingredients:**

#### **Distillates, petroleum, hydrotreated light naphthenic:**

May be fatal if swallowed and enters airways.

#### **Distillates (petroleum), hydrotreated light paraffinic:**

May be fatal if swallowed and enters airways.

#### **Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Ingredients:****Amines, C12-14-tert-alkyl, compds. with 9-octadecen-1-ol-sulfur polymer dihydrogen phosphate:**

Toxicity to fish : LC50: > 1 - 10 mg/l  
Exposure time: 96 h

**Distillates, petroleum, hydrotreated light naphthenic:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae : NOEC (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

**Distillates (petroleum), hydrotreated light paraffinic:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 10,000 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
Remarks: Fresh water

Toxicity to algae : NOEC (Pseudokirchneriella subcapitata (microalgae)): > 100 mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201  
Remarks: Fresh water

Toxicity to fish (Chronic toxicity) : NOAEL (No observed adverse effect level) (Oncorhynchus mykiss (rainbow trout)): > 1,000 mg/l  
Exposure time: 14 Days  
Method: QSAR  
GLP: yes  
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates (Chronic) : NOEC (Daphnia magna (Water flea)): 10 mg/l  
Exposure time: 21 Days

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ic toxicity)      Method: OECD Test Guideline 211  
GLP: yes  
Remarks: Fresh water

### **Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:**

Toxicity to fish      :    LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other      :    EC50 (Daphnia magna (Water flea)): > 10,000 mg/l  
aquatic invertebrates      Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae      :    NOEC (Pseudokirchneriella subcapitata (microalgae)): > 100  
mg/l  
Exposure time: 72 h  
Method: OECD Test Guideline 201

Toxicity to daphnia and other      :    NOEC (Daphnia magna (Water flea)): 10 mg/l  
aquatic invertebrates (Chron-      Exposure time: 21 Days  
ic toxicity)      Method: OECD Test Guideline 211

### **Persistence and degradability**

#### **Ingredients:**

#### **Distillates, petroleum, hydrotreated light naphthenic:**

Biodegradability      :    Result: Not readily biodegradable.  
Biodegradation: 31 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

#### **Distillates (petroleum), hydrotreated light paraffinic:**

Biodegradability      :    aerobic  
Result: Not readily biodegradable.  
Biodegradation: 2 - 4 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B  
GLP: yes

#### **Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based:**

Biodegradability      :    Result: Not readily biodegradable.

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

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### Other adverse effects

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

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### SECTION 13. DISPOSAL CONSIDERATIONS

RCRA - Resource Conservation and Recovery Authorization Act : If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

Disposal methods : The generation of waste should be avoided or minimized wherever possible.  
This material and its container must be disposed of in a safe way.  
Empty containers retain product residue; observe all precautions for product.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

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### SECTION 14. TRANSPORT INFORMATION

#### Domestic regulation

**DOT**

UN/ID/NA number : UN 1760  
Proper shipping name : Corrosive liquids, n.o.s.  
(AMINE NEUTRALIZED PHOSPHORIC- ACID ESTER)  
Class : 8  
Packing group : II  
Labels : 8  
:



Marine pollutant : yes



Further information for transport : The U.S. DOT regulations in Appendix B to 49 CFR § 172.101, paragraph 4 permit this material to ship as marine pollutant.

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# SAFETY DATA SHEET

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### International Regulations

#### IATA-DGR

UN/ID No. : UN 1760  
Proper shipping name : Corrosive liquid, n.o.s.  
(AMINE NEUTRALIZED PHOSPHORIC- ACID ESTER)  
Class : 8  
Packing group : II  
Labels : 8



Packing instruction (cargo aircraft) : 855: 30.00 L  
Packing instruction (passenger aircraft) : 851: 1.00 L  
Environmentally hazardous : yes



#### IMDG-Code

UN number : UN 1760  
Proper shipping name : CORROSIVE LIQUID, N.O.S.  
(AMINE NEUTRALIZED PHOSPHORIC- ACID ESTER)  
Class : 8  
Packing group : II  
Labels : 8



Marine pollutant : yes



#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

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### SECTION 15. REGULATORY INFORMATION

#### CERCLA

None

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### Reportable Quantity

This material does not contain any components with a CERCLA RQ.

### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Acute toxicity (any route of exposure)  
Specific target organ toxicity (single or repeated exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation

### SARA 313

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

### US State Regulations

#### Massachusetts Right To Know

Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	>= 10 - < 20
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 5 - < 10
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	>= 1 - < 5
Distillates, petroleum, solvent-refined heavy naphthenic	64741-96-4	>= 1 - < 5
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	>= 1 - < 5

#### Pennsylvania Right To Know

Amines, C12-14-tert-alkyl, compds. with 9-octadecen-1-ol-sulfur polymer dihydrogen phosphate	144468-70-2	>= 50 - < 70
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	>= 10 - < 20
Proprietary sulfur hydrocarbon	Trade Secret	>= 10 - < 20
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 5 - < 10
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	>= 1 - < 5
Distillates, petroleum, solvent-refined heavy naphthenic	64741-96-4	>= 1 - < 5
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	>= 1 - < 5

#### California Prop. 65

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

#### TSCA inventory

TSCA : On TSCA Inventory

#### TSCA list

No substances are subject to a Significant New Use Rule.

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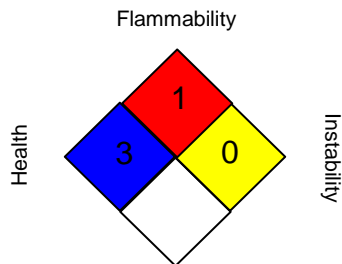
No substances are subject to TSCA 12(b) export notification requirements.

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### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA:



Special hazard.

##### HMIS® IV:

HEALTH	/	3
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

LANXESS' method of hazard communication is comprised of Product Labels and Safety Data Sheets. HMIS and NFPA ratings are provided by LANXESS as a customer service.

Revision Date : 05/18/2018

This information is furnished without warranty, express or implied. This information is believed to be accurate to the best knowledge of our knowledge. The information provided in this Safety Data Sheet (SDS) is correct to the best of our knowledge, information and belief at the date of its publication. We assume no legal responsibility for use of or reliance upon the information in this SDS.