

SAFETY DATA SHEET

ADDITIN RC 9305



Version 1.0 Revision Date: 02/27/2018 SDS Number: 103000012280 Date of previous issue: -
Country / Language: US / EN

SECTION 1. IDENTIFICATION

Product name : ADDITIN RC 9305
Material number : 56324694
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

SECTION 2. HAZARDS IDENTIFICATION

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

Skin corrosion : Category 1B
Serious eye damage : Category 1
Skin sensitization : Category 1

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : Causes severe skin burns and eye damage.
May cause an allergic skin reaction.

Precautionary Statements : **Prevention:**
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Wash skin thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/ protective clothing/ eye protection/ face protection.

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Response:

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.
If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.

Storage:

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

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
Butylated Hydroxytoluene	128-39-2	>= 20 - < 30
1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-	94270-86-7	>= 10 - < 20
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 10 - < 20
2-Ethylhexanol Phosphate	12645-31-7	>= 5 - < 10
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	>= 1 - < 5

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

SECTION 4. FIRST AID MEASURES

If inhaled : Chemical burns must be treated promptly by a physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
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.

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- In case of skin contact : Chemical burns must be treated promptly by a physician. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse.
- In case of eye contact : Chemical burns must be treated promptly by a physician. 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. Call a physician.
- If swallowed : Chemical burns must be treated promptly by a physician. Rinse mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Maintain open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

- Symptoms : Skin: Corrosive with symptoms of reddening, itching, swelling, burning and possible permanent damage. allergic contact dermatitis
Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.
Ingestion: Corrosive with symptoms of coughing, burning, ulceration, and pain.
Inhalation: Causes respiratory tract burns.
- Effects : May cause an allergic skin reaction.
Causes serious eye damage.
Causes severe burns.
- : May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system.
- 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.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-
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- cumstances and the surrounding environment.
In case of fire, use water spray (fog), foam or dry chemical.
- Unsuitable extinguishing media : None known.
- Specific hazards during fire fighting : Water runoff from fire fighting may be corrosive.
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO₂)
Carbon monoxide
Nitrogen oxides (NO_x)
Oxides of phosphorus
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.
-

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.
Do not touch or walk through spilled material.
Use personal protective equipment.
Keep people away from and upwind of spill/leak.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so.
Move containers from spill area.
Do not allow into the sewerage system, surface waters or groundwater or into the soil.
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).
Dispose of wastes in an approved waste disposal facility.
-

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
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Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.

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 paraffinic	64742-55-8	TWA (Mist)	5 mg/m ³	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m ³	ACGIH
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	TWA (Mist)	5 mg/m ³	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m ³	ACGIH

Hazardous components without workplace control parameters

Ingredients	CAS-No.
Butylated Hydroxytoluene	128-39-2
1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-	94270-86-7
2-Ethylhexanol Phosphate	12645-31-7

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

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working limits of the selected respirator.
A NIOSH approved air purifying respirator with organic vapor cartridges and particulate prefilter can be used to minimize exposure.

- Hand protection
Material : PVC or other plastic material gloves
- Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
- Eye protection : Wear safety glasses with side shields or goggles.
Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Remove respiratory and skin/eye protection only after vapors have been cleared from the area.
- Skin and body protection : Wear suitable protective clothing.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Color : yellow
- Odor : phenol-like
- 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 : 275 °F (135 °C)
Method: closed cup
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Upper explosion limit / Upper flammability limit : No data available

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Lower explosion limit	:	No data available
Vapor pressure	:	No data available
Relative vapor density	:	No data available
Relative density	:	No data available
Density	:	0.98 g/cm ³ (68 °F (20 °C))
Solubility(ies)	:	
Water solubility	:	slightly soluble
Partition coefficient: n-octanol/water	:	No data available
Ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, kinematic	:	135 mm ² /s (104 °F (40 °C))
Explosive properties	:	No data available
Oxidizing properties	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
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	:	No specific data.
Materials to avoid	:	No data available
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

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

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Information on likely routes of exposure

Inhalation
Eye contact
Skin contact
Ingestion

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: 51.45 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Ingredients:**Butylated Hydroxytoluene:**

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

Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:

Acute oral toxicity : LD50 (Rat): 3,313 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat): > 2,000 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
Remarks: Extrapolation according to Regulation (EC) No. 440/2008

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2-Ethylhexanol Phosphate:

Acute oral toxicity : LD50 (Rat, female): 2,500 mg/kg
Method: OECD Test Guideline 423

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
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

Skin corrosion/irritation

Causes severe burns.

Product:

Remarks: Extremely corrosive and destructive to tissue.

Ingredients:

Butylated Hydroxytoluene:

Result: Irritating to skin.

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:

Species: Rabbit
Exposure time: 24 h
Result: Irritating to skin.

2-Ethylhexanol Phosphate:

Method: OECD Test Guideline 404
Result: Causes burns.

Distillates, petroleum, hydrotreated light naphthenic:

Species: Rabbit
Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks: May cause irreversible eye damage.

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Ingredients:

Butylated Hydroxytoluene:

Species: Rabbit
Result: No eye irritation

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:

Species: Rabbit
Result: No eye irritation

2-Ethylhexanol Phosphate:

Result: Corrosive
Method: OECD Test Guideline 405

Distillates, petroleum, hydrotreated light naphthenic:

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks: Causes sensitization.

Ingredients:

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:

Routes of exposure: Dermal
Species: Guinea pig
Result: May cause sensitization by skin contact.

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

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.

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Distillates (petroleum), hydrotreated light paraffinic:

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

Distillates, petroleum, hydrotreated light 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.

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:**1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:**

Effects on fertility : General Toxicity Parent: NOAEL: 45 mg/kg body weight
 Fertility: NOAEL: 150 mg/kg body weight
 Early Embryonic Development: NOAEL: 45 mg/kg body weight

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

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Symptoms: NOAEL : Teratogenicity
Method: OECD Test Guideline 414
GLP: yes

2-Ethylhexanol Phosphate:

Effects on fertility : Species: Rat
Application Route: Oral
Dose: 250 milligram per kilogram
Method: OECD Test Guideline 422

Effects on fetal development : Species: Rat, male and female
Application Route: Oral
Dose: 250 milligram per kilogram
Result: No teratogenic potential.

STOT-single exposure

Not classified based on available information.

Ingredients:

Distillates (petroleum), hydrotreated light paraffinic:

Assessment: May cause respiratory irritation.

Distillates, petroleum, hydrotreated light naphthenic:

Assessment: May cause respiratory irritation.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity

Ingredients:

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:

Species: Rat
NOAEL: 45 mg/kg
Application Route: Oral

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

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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/m³
Application Route: Inhalation
Test atmosphere: dust/mist
Exposure time: 4 Weeks
Dose: > 980 mg/m³
GLP: no
Remarks: Subacute toxicity

2-Ethylhexanol Phosphate:

Species: Rat, female
Application Route: Oral
Dose: 250 mg/kg
Method: OECD Test Guideline 422
Remarks: Subacute toxicity

Species: Rat, male
Application Route: Oral
Dose: 125 mg/kg
Method: OECD Test Guideline 422
Remarks: Subacute toxicity

Aspiration toxicity

Not classified based on available information.

Ingredients:

Distillates (petroleum), hydrotreated light paraffinic:

May be fatal if swallowed and enters airways.

Distillates, petroleum, hydrotreated light naphthenic:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: No data available

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

Butylated Hydroxytoluene:

Toxicity to fish	:	LC50 (Pimephales promelas (fathead minnow)): 1.4 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50: 0.45 mg/l Exposure time: 48 h
M-Factor (Acute aquatic toxicity)	:	1
Toxicity to fish (Chronic toxicity)	:	LC50: 0.006 mg/l Exposure time: 60 Days
Toxicity to microorganisms	:	EC50: > 1,000 mg/l Exposure time: 3 h

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 1.3 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC10 (Daphnia magna (Water flea)): 1.93 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	:	ErC50 (Desmodesmus subspicatus (green algae)): 0.976 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		EC10 (Desmodesmus subspicatus (green algae)): 0.658 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	:	1
Toxicity to microorganisms	:	EC50 (Bacteria): 13 mg/l Exposure time: 3 h Method: OECD Test Guideline 209

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
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- 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 toxicity) : NOEC (Daphnia magna (Water flea)): 10 mg/l
Exposure time: 21 Days
Method: OECD Test Guideline 211
GLP: yes
Remarks: Fresh water

2-Ethylhexanol Phosphate:

- Toxicity to fish : LC50 (Cyprinodon variegatus (sheepshead minnow)): 530 mg/l
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Acartia tonsa): 117.4 mg/l
Exposure time: 48 h
Remarks: salt water
- EL50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
- Toxicity to algae : IC50 (Skeletonema costatum (marine diatom)): 15 mg/l
Exposure time: 72 h
- ErC50 (Pseudokirchneriella subcapitata (green algae)): 25 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
- ErC50 (Pseudokirchneriella subcapitata (microalgae)): 49 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
- NOEC (Skeletonema costatum (marine diatom)): 10 mg/l
Exposure time: 72 h
- Toxicity to microorganisms : EC0 (activated sludge): > 2,500 mg/l
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Exposure time: 24 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

Persistence and degradability

Ingredients:

Butylated Hydroxytoluene:

Biodegradability : Result: Not readily biodegradable.

1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-:

Biodegradability : Concentration: 20 mg/l
Biodegradation: 94.4 %
Exposure time: 28 d
Method: OECD Test Guideline 301B

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

2-Ethylhexanol Phosphate:

Biodegradability : Result: Readily biodegradable.
Biodegradation: 70.8 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
Remarks: Readily biodegradable, failing 10-d window

Physico-chemical removability : 10 %

Distillates, petroleum, hydrotreated light naphthenic:

Biodegradability : Result: Not readily biodegradable.
Biodegradation: 31 %

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Exposure time: 28 d
Method: OECD Test Guideline 301F

Bioaccumulative potential

Ingredients:

Butylated Hydroxytoluene:

Partition coefficient: n-octanol/water : log Pow: 4.92

Mobility in soil

No data available

Other adverse effects

Product:

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

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.
Dispose of in accordance with local regulations.
Empty containers retain product residue; observe all precautions for product.
Do not re-use empty containers.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

Domestic regulation

DOT

UN/ID/NA number : UN 3265
Proper shipping name : Corrosive liquid, acidic, organic, n.o.s.
(PHOSPHORIC ACID PARTIAL ESTER, ALKYLPHENOLS)
Class : 8
Packing group : II

SAFETY DATA SHEET

ADDITIN RC 9305

Version 1.0 Revision Date: 02/27/2018 SDS Number: 103000012280 Date of previous issue: -
Country / Language: US / EN

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.

International Regulations

IATA-DGR

UN/ID No. : UN 3265
Proper shipping name : Corrosive liquid, acidic, organic, n.o.s.
(PHOSPHORIC ACID PARTIAL ESTER, ALKYLPHENOLS)
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 3265
Proper shipping name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
(PHOSPHORIC ACID PARTIAL ESTER, ALKYLPHENOLS)
Class : 8
Packing group : II
Labels : 8



Marine pollutant : yes

SAFETY DATA SHEET

ADDITIN RC 9305



Version 1.0 Revision Date: 02/27/2018 SDS Number: 103000012280 Date of previous issue: -
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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

CERCLA

None

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 : Skin corrosion or irritation
Serious eye damage or eye irritation
Respiratory or skin sensitization

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 paraffinic	64742-55-8	>= 10 - < 20
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	>= 1 - < 5
Distillates, petroleum, solvent-refined light naphthenic	64741-97-5	>= 0.1 - < 1

Pennsylvania Right To Know

Butylated Hydroxytoluene	128-39-2	>= 25 - < 30
Benzenamine, N-phenyl-, styrenated	68442-68-2	>= 25 - < 30
1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-ar-methyl-	94270-86-7	>= 10 - < 20
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 10 - < 20
2-Ethylhexanol Phosphate	12645-31-7	>= 5 - < 10
Proprietary Non-hazardous ingredients	Not Assigned	>= 5 - < 10
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	>= 1 - < 5
Diphenylamine	122-39-4	>= 0.1 - < 1

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

SAFETY DATA SHEET

ADDITIN RC 9305



Version 1.0 Revision Date: 02/27/2018 SDS Number: 103000012280 Date of previous issue: -
Country / Language: US / EN

TSCA : On TSCA Inventory

TSCA list

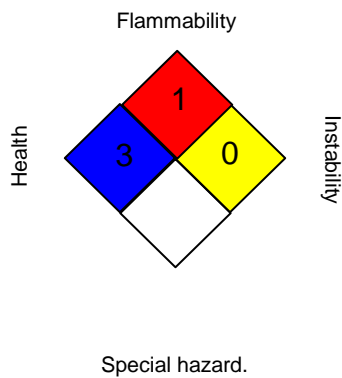
No substances are subject to a Significant New Use Rule.

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

SECTION 16. OTHER INFORMATION

Further information

NFPA:



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 : 02/27/2018

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.