

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

SECTION 1. IDENTIFICATION

Product name : ADDITIN RC 3048
Material number : 58132862
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 irritation : Category 2
Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal Word : Danger
Hazard Statements : Causes skin irritation.
Causes serious eye damage.

Precautionary Statements : **Prevention:**
Wash skin thoroughly after handling.
Wear protective gloves/ eye protection/ face protection.
Response:
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. Immediately call a POISON CENTER/doctor.

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

If skin irritation occurs: Get medical advice/ attention.
Take off contaminated clothing and wash before reuse.

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)
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts	68442-22-8	>= 90 - < 100
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 1 - < 5

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

SECTION 4. FIRST AID MEASURES

- General advice : Treat symptomatically.
- If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get medical attention if symptoms occur.
If unconscious, place in recovery position and get medical attention immediately.
Loosen tight clothing such as a collar, tie, belt or waistband.
If not breathing, give artificial respiration.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 30 minutes.
Get medical attention immediately if irritation develops and persists.
Remove contaminated clothing and shoes.
Wash contaminated clothing before reuse.
- In case of eye contact : In case of contact, flush eyes with plenty of water for at least 30 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated.
Get medical attention immediately.
Remove contact lenses.
Continue to rinse for at least 10 minutes.
Chemical burns must be treated promptly by a physician.
- If swallowed : Get medical attention immediately.
Rinse mouth with water.
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If swallowed, DO NOT induce vomiting unless directed to do
-

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

so by medical personnel.
Give small amounts of water to drink.
If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
Chemical burns must be treated promptly by a physician.
Never give anything by mouth to an unconscious person.
If unconscious, place in recovery position and get medical attention immediately.
Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

Effects : Causes skin irritation.
Causes serious eye damage.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

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.

Hazardous combustion products : Carbon dioxide (CO₂)
Carbon monoxide
Oxides of phosphorus
Sulfur oxides
Metal oxides

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.
Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.
Exposure to decomposition products may be a hazard to health.

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.
Put on appropriate personal protection equipment.
Do not touch or walk through spilled material.
Evacuate personnel to safe areas.
Keep unnecessary and unprotected personnel from entering.

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

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.
Wash spillages into an effluent treatment plant or proceed as follows.
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 spilled material or wash water to enter sewers, surface waters, or groundwater systems.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid exposure - obtain special instructions before use.
Avoid inhalation, ingestion and contact with skin and eyes.
Use only with adequate ventilation/personal protection.
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/m ³	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m ³	ACGIH
Distillates (petroleum), hy-	64742-55-8	TWA (Mist)	5 mg/m ³	OSHA Z-1

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

drotreated light paraffinic				
		TWA (Inhalable fraction)	5 mg/m3	ACGIH

Hazardous components without workplace control parameters

Ingredients	CAS-No.
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts	68442-22-8

Engineering measures : If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

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. If ventilation is inadequate, use respirator that will protect against organic vapor and dust/mist.

Hand protection
Material : Use chemical-resistant, impervious 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. Faceshield may be necessary in operations with splash potential but cannot be used in place of chemical safety goggles.

Skin and body protection : Permeation resistant clothing and foot protection.

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 adequate ventilation, especially in confined areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Color : yellow
Odor : characteristic
Odor Threshold : No data available

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

pH : 5 - 6.5

Melting point/range : -6 °F (-21 °C)

Boiling point/boiling range : 426 °F (219 °C)
(1,013 hPa)

Flash point : 289 °F (143 °C)
Method: closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Self-ignition : 468 °F (242 °C)

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 : 1.1 g/cm³

Solubility(ies)
Water solubility : 0.0542 g/l

Solubility in other solvents : Solvent: mineral oil

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

Ignition temperature : No data available

Decomposition temperature : > 302 °F (> 150 °C)

Viscosity
Viscosity, kinematic : 150 mm²/s (104 °F (40 °C))

Explosive properties : No data available

Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

Chemical stability : The product is chemically 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 : Spontaneous decomposition may start at 150°C.
After prolonged heating, slow decomposition may start at above 80°C.
Formation of formaldehyde and methanol during thermal decomposition.

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

Not classified based on available information.

Product:

Acute inhalation toxicity : Acute toxicity estimate: > 200 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Ingredients:

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes
Remarks: Extrapolation according to Regulation (EC) No. 440/2008

Distillates (petroleum), hydrotreated light paraffinic:

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

SAFETY DATA SHEET

ADDITIN RC 3048



Version	Revision Date:	SDS Number:	Date of previous issue: -
1.0	01/29/2018	103000020507	Country / Language: US / EN

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

Skin corrosion/irritation

Causes skin irritation.

Ingredients:

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:

Result: Irritating to skin.

Serious eye damage/eye irritation

Causes serious eye damage.

Ingredients:

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:

Result: Risk of serious damage to eyes.

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 paraffinic:

Routes of exposure: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitization on laboratory animals.

GLP: yes

Germ cell mutagenicity

Not classified based on available information.

Ingredients:

Distillates (petroleum), hydrotreated light paraffinic:

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

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 paraffinic:

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:

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:

Effects on fetal development : Species: Rat
Application Route: Oral
Dose: 160 milligram per kilogram
Result: No teratogenic potential.

Distillates (petroleum), hydrotreated light paraffinic:

Effects on fertility : Species: Rat, male and female
Application Route: Oral
Dose: >= 1000 milligram per kilogram

SAFETY DATA SHEET

ADDITIN RC 3048



Version	Revision Date:	SDS Number:	Date of previous issue: -
1.0	01/29/2018	103000020507	Country / Language: US / EN

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

Not classified based on available information.

Ingredients:

Distillates (petroleum), hydrotreated light paraffinic:

Assessment: May cause respiratory irritation.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity

Ingredients:

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:

Species: Rat
NOAEL: 160 mg/kg
Application Route: Oral
Dose: 160 mg/kg
Remarks: Chronic toxicity

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

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

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

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 4.5 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: Fresh water

NOEC (Oncorhynchus mykiss (rainbow trout)): 1.8 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 23 mg/l
Exposure time: 48 h
Remarks: Fresh water

SAFETY DATA SHEET

ADDITIN RC 3048



Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

NOEC (Daphnia magna (Water flea)): 10 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
Remarks: Fresh water

Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): 21 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: Fresh water

NOEC (Desmodesmus subspicatus (green algae)): 10 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: Fresh water

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.4 mg/l
Exposure time: 21 Days
Remarks: Fresh water

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

Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

Persistence and degradability**Ingredients:****Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:**

Biodegradability : Result: Not readily biodegradable.

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

Bioaccumulative potential**Ingredients:****Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts:**

Partition coefficient: n- : log Pow: 1.67
octanol/water

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.
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.
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.

SAFETY DATA SHEET

ADDITIN RC 3048

Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

SECTION 14. TRANSPORT INFORMATION

Domestic regulation

DOT

UN/ID/NA number : UN 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(2-ETHYLHEXYL AND ISO-BU) ESTERS, ZINC SALTS)
Class : 9
Packing group : III
Labels : 9



Marine pollutant : yes



Further information for transport : The U.S. DOT regulations in 49 CFR 172.102 permit this material to ship as an Environmentally Hazardous Substance, Class 9, using Special Provision 146.

International Regulations

IATA-DGR

UN/ID No. : UN 3082
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.
(PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(2-ETHYLHEXYL AND ISO-BU) ESTERS, ZINC SALTS)
Class : 9
Packing group : III
Labels : 9



Packing instruction (cargo aircraft) : 964: 450.00 L
Packing instruction (passenger aircraft) : 964: 450.00 L
Environmentally hazardous : yes

SAFETY DATA SHEET

ADDITIN RC 3048

Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN



IMDG-Code

UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(2-ETHYLHEXYL AND ISO-BU) ESTERS, ZINC SALTS)
Class : 9
Packing group : III
Labels : 9



Marine pollutant : yes



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

SARA 313

The following components are subject to reporting levels established by SARA Title III, Section 313:

Ingredients	CAS-No.	Concentration
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts	68442-22-8	90 - 100 %

SAFETY DATA SHEET

ADDITIN RC 3048

Version 1.0 Revision Date: 01/29/2018 SDS Number: 103000020507 Date of previous issue: -
Country / Language: US / EN

US State Regulations

Massachusetts Right To Know

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

Pennsylvania Right To Know

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts	68442-22-8	>= 90 - < 100
Distillates, petroleum, hydrotreated light naphthenic	64742-53-6	>= 5 - < 10
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 1 - < 5

California Prop. 65

WARNING: This product can expose you to chemicals including Distillates (petroleum), hydrotreated light paraffinic, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

TSCA inventory

TSCA : On TSCA Inventory

TSCA list

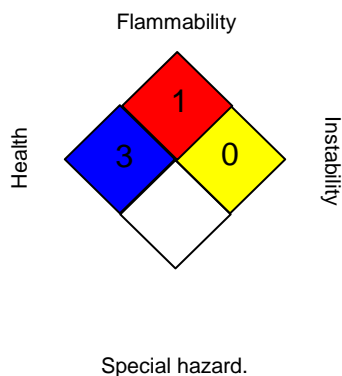
No substances are subject to a Significant New Use Rule.

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.

SAFETY DATA SHEET

ADDITIN RC 3048



Version	Revision Date:	SDS Number:	Date of previous issue: -
1.0	01/29/2018	103000020507	Country / Language: US / EN

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 : 01/29/2018

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.