ADDITIN RC 3045



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SECTION 1. IDENTIFICATION

Product name : ADDITIN RC 3045

Material number : 05056608

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:

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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. 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 : Substance

CAS-No. : Not Assigned

Hazardous ingredients

Chemical name	CAS-No.	Concentration (% w/w)
Phosphorodithioic acid, mixed O,O-bis(iso-	68457-79-4	>= 90 - <= 100
Bu and pentyl) esters, zinc salts		
=,,,,	64742-55-8	>= 5 - < 10
paraffinic		

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

SECTION 4. FIRST AID MEASURES

If inhaled : If inhaled, remove to fresh air.

Get medical attention if symptoms occur.

In case of skin contact : Wash off with soap and water.

Continue to rinse for at least 20 minutes. Get medical attention if symptoms occur. Wash contaminated clothing before reuse.

In case of eye contact : Get medical attention immediately.

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.

Remove contact lenses, if present and easy to do. Continue

rinsing.

Chemical burns must be treated promptly by a physician.

If swallowed : Rinse mouth with water.

Do not induce vomiting unless directed to do by medical per-

sonnel.

Get medical attention if symptoms occur.

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Most important symptoms and effects, both acute and delayed

Symptoms : Eye: Causes irritation with symptoms of reddening, tearing,

stinging, and swelling.

Skin: Causes irritation with symptoms of reddening, itching,

and swelling.

Effects : Causes skin irritation.

Causes serious eye damage.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or car-

bon dioxide.

Unsuitable extinguishing

media

None known.

Specific hazards during fire

fighting

Toxic and irritating gases/fumes may be given off during burn-

ing or thermal decomposition.

Hazardous combustion prod- :

ucts

Carbon dioxide (CO2)
Carbon monoxide

Sulfur oxides

Oxides of phosphorus

Metal oxides

Carbon dioxide (CO2) 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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emer-

gency 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.

Provide adequate ventilation. Do not breathe vapors, aerosols.

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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.

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.

Contaminated absorbent material may pose the same hazard

as the spilled product.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Remove contaminated clothing and protective equipment be-

fore entering eating areas.

Workers should wash hands and face before eating, drinking

and smoking.

Put on appropriate personal protection equipment.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Avoid inhalation, ingestion and contact with skin and eyes.

Use only with adequate ventilation.

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 container closed when not in use.

Containers that have been opened must be carefully resealed

and kept upright to prevent leakage. Do not store in unlabeled containers.

Use appropriate container to avoid environmental contamina-

tion.

Empty containers retain residue and can be dangerous.

Do not reuse container.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhal-	5 mg/m3	ACGIH
		able particu-		
		late matter)		
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL

Engineering measures : Good general ventilation should be sufficient to control work-

er exposure to airborne contaminants.

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.

The following respirator is recommended if airborne concen-

trations exceed the appropriate standard/guideline.

A NIOSH approved air purifying respirator with organic vapor cartridges and particulate prefilter can be used to minimize

exposure.

Hand protection

Material : Polyvinyl chloride - PVC

Wearing time : < 60 min

Material : Nitrile rubber - NBR

Wearing time : < 60 min

Remarks : Gloves should be discarded and replaced if there is any indi-

cation of degradation or chemical breakthrough.

Eve protection : Tightly fitting safety goggles

If inhalation hazards exist, a full-face respirator may be re-

quired instead.

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

Hygiene measures : Wash hands, forearms and face thoroughly after handling

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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

Physical state : liquid

Color : yellow

Odor : characteristic

Odor Threshold : No data available

pH : Not applicable

Pour point : -6 °F (-21 °C)

Boiling point/boiling range : 421 °F (216 °C)

(1,013 hPa)

Flash point : 363 °F (184 °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 : 0.0018752 mmHg (68 °F (20 °C))

Relative vapor density : No data available

Relative density : No data available

Density : 1.16 g/cm³ (68 °F (20 °C))

Solubility(ies)

Water solubility : 1.625 g/l

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Partition coefficient: n-

octanol/water

: No data available

Ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, kinematic : 131.6 mm2/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 chemically stable.

Possibility of hazardous reac-

tions

Under normal conditions of storage and use, hazardous reac-

tions will not occur.

Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : Reducing agents

Oxidizing agents Acids and bases

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.

Information on likely routes of exposure

Inhalation

Eve contact

Skin contact

Ingestion

Acute toxicity

Not classified based on available information.

Product:

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Acute oral toxicity : Acute toxicity estimate: 3,987 mg/kg

Method: Calculation method

Components:

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

Acute oral toxicity : LD50 (Rat): 3,600 mg/kg

Acute dermal toxicity : LD50 (Rabbit, male and female): > 20,000 mg/kg

Distillates (petroleum), hydrotreated light paraffinic:

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

Method: OECD Test Guideline 401

GLP: yes

Remarks: Test results on an analogous product

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

Assessment: The substance or mixture has no acute inhala-

tion toxicity

Remarks: Test results on an analogous product

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

Method: OECD Test Guideline 402

GLP: yes

Skin corrosion/irritation

Causes skin irritation.

Components:

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

Species: Rabbit

Assessment: Irritating to skin. Method: OECD Test Guideline 404

Result: Irritating to skin.

GLP: no

Distillates (petroleum), hydrotreated light paraffinic:

Species: Rabbit Method: Draize Test Result: No skin irritation

GLP: yes

Remarks: Test results on an analogous product

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Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks: May cause irreversible eye damage.

Components:

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

Result: Risk of serious damage to eyes. Method: OECD Test Guideline 405

Distillates (petroleum), hydrotreated light paraffinic:

Species: Rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

GLP: yes

Remarks: Test results on an analogous product

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:

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

Result: negative

Remarks: Read-across from analogue

Distillates (petroleum), hydrotreated light paraffinic:

Test Type: Buehler Test

Routes of exposure: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Did not cause sensitization on laboratory animals.

GLP: yes

Remarks: Test results on an analogous product

Germ cell mutagenicity

Not classified based on available information.

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Components:

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

Genotoxicity in vitro : Result: negative

Genotoxicity in vivo : Species: Rat (male and female)

Application Route: Intraperitoneal

Dose: 10 ml/kg Result: negative

Distillates (petroleum), hydrotreated light paraffinic:

Genotoxicity in vitro : Test Type: Ames test

Test system: TA98

Metabolic activation: with metabolic activation

Method: OECD Test Guideline 471

Result: Conflicting results have been seen in different studies. Remarks: In analogy to test results for similarly composed

products.

Test Type: Chromosome aberration test in vitro Test system: Chinese hamster ovary cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 473

Result: negative

GLP: no

Remarks: Test results on an analogous product

Test Type: In vitro mammalian cell gene mutation test

Test system: mouse lymphoma cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: negative

GLP: yes

Remarks: Test results on an analogous product

Genotoxicity in vivo : Test Type: Micronucleus test

Species: Mouse (male and female) Application Route: Intraperitoneal Method: OECD Test Guideline 474

Result: negative

GLP: No information available.

Remarks: Test results on an analogous product

Carcinogenicity

Not classified based on available information.

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Components:

Distillates (petroleum), hydrotreated light paraffinic:

Species: Mouse, (female) Application Route: Dermal Exposure time: 78 weeks

Method: OECD Test Guideline 451

Result: negative

GLP: No information available.

Remarks: Test results on an analogous product

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.

OSHANo 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.

Components:

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

Effects on fetal development : Test Type: reproductive and developmental toxicity study

Species: Rat, male and female Strain: Sprague-Dawley Application Route: Oral

Developmental Toxicity: NOAEL F1: 160 mg/kg body weight

Method: OECD Test Guideline 422

Result: No adverse effects.

GLP: yes

Test Type: reproductive and developmental toxicity study

Species: Rat, male and female Strain: Sprague-Dawley Application Route: Oral

Developmental Toxicity: NOAEL: 160 mg/kg body weight

Method: OECD Test Guideline 422

Result: No adverse effects.

GLP: yes

Distillates (petroleum), hydrotreated light paraffinic:

Effects on fertility : Test Type: Fertility/early embryonic development

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Species: Rat, male and female

Application Route: Oral

Dose: 1000 milligram per kilogram

General Toxicity Parent: NOAEL: >= 1,000 mg/kg body weight

Fertility: NOAEL: >= 1,000 mg/kg body weight

Method: OECD Test Guideline 421

Result: No effects on fertility and early embryonic develop-

ment were detected.

GLP: yes

Remarks: Test results on an analogous product

Effects on fetal development : Test Type: Embryo-fetal development

Species: Rat, female Application Route: Dermal

Dose: 125 - 500 - 2000 milligram per kilogram

General Toxicity Maternal: LOAEL: 125 mg/kg body weight Teratogenicity: NOAEL: >= 2.000 mg/kg body weight

Developmental Toxicity: NOAEL: >= 2,000 mg/kg body weight

Method: OECD Test Guideline 414

Result: negative

GLP: yes

Remarks: Test results on an analogous product

STOT-single exposure

Not classified based on available information.

Components:

Distillates (petroleum), hydrotreated light paraffinic:

Assessment: May cause respiratory irritation.

STOT-repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

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

Species: Rat

NOAEL: 160 mg/kg Application Route: Oral Exposure time: 52 d

Method: OECD Test Guideline 422

Distillates (petroleum), hydrotreated light paraffinic:

Species: Rat, male LOAEL: 125 mg/kg

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Application Route: Oral Exposure time: 90 d

Dose: 125 - 500 mg/kg bw/d Method: OECD Test Guideline 408 GLP: No information available. Remarks: Subchronic toxicity

Test results on an analogous product

Species: Rat, male and female

NOAEL: > 980 mg/m³ Application Route: Inhalation Test atmosphere: dust/mist

Exposure time: 28 d

Dose: 50 - 220 - 980 mg/m3 Method: OECD Test Guideline 412 GLP: No information available. Remarks: Subacute toxicity

Test results on an analogous product

Species: Rabbit, male and female

NOAEL: 1,000 mg/kg

Application Route: Skin contact

Exposure time: 28 d

Dose: 200 - 1000 - 2000 mg/kg bw/d Method: OECD Test Guideline 410

GLP: yes

Remarks: Subacute toxicity

Test results on an analogous product

Aspiration toxicity

Not classified based on available information.

Components:

Distillates (petroleum), hydrotreated light paraffinic:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: No data available

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

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

Toxicity to fish LL50 (Cyprinodon variegatus (sheepshead minnow)): 4.5 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 23 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

NOEC (Daphnia magna (Water flea)): 10 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202 Remarks: water extractable fraction

Toxicity to algae EC50 (Desmodesmus subspicatus (green algae)): 21 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201 Remarks: water extractable fraction

NOEC (Desmodesmus subspicatus (green algae)): 10 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201 Remarks: water extractable fraction

Toxicity to daphnia and other :

aquatic invertebrates (Chron-

ic toxicity)

NOEC (Daphnia magna (Water flea)): 0.4 mg/l

Exposure time: 21 d

Method: OECD Test Guideline 211

Lowest Observed Effect Concentration (Daphnia magna (Wa-

ter flea)): 0.8 mg/l Exposure time: 21 d

Method: OECD Test Guideline 211

Ecotoxicology Assessment

Acute aquatic toxicity : Toxic to aquatic life.

Distillates (petroleum), hydrotreated light paraffinic:

Toxicity to fish LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l

> Exposure time: 96 h Analytical monitoring: yes

Method: OECD Test Guideline 203

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GLP: ves

Remarks: water extractable fraction

Toxicity to daphnia and other :

aquatic invertebrates

EL50 (Daphnia magna (Water flea)): > 10,000 mg/l

Exposure time: 48 h Analytical monitoring: no

Method: OECD Test Guideline 202

GLP: no

Remarks: water extractable fraction

Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (green algae)): > 100

mg/l

End point: Growth rate Exposure time: 72 h Analytical monitoring: no

Method: OECD Test Guideline 201

GLP: no

Remarks: water extractable fraction

NOEC (Pseudokirchneriella subcapitata (microalgae)): >= 100

mg/l

End point: Growth rate Exposure time: 72 h Analytical monitoring: no

Method: OECD Test Guideline 201

GLP: no

Remarks: water extractable fraction

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

NOELR (Daphnia magna (Water flea)): 10 mg/l

End point: Reproduction Exposure time: 21 d Analytical monitoring: no

Method: OECD Test Guideline 211

GLP: yes

Remarks: water extractable fraction

Persistence and degradability

Components:

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

Biodegradability : Result: Not readily biodegradable.

Biodegradation: 1.5 % Exposure time: 28 d

Method: OECD Test Guideline 301B

Distillates (petroleum), hydrotreated light paraffinic:

Biodegradability : Result: Not readily biodegradable.

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Biodegradation: 2 - 4 % Exposure time: 28 d

Method: OECD Test Guideline 301B

GLP: ves

Bioaccumulative potential

Components:

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

Partition coefficient: n- : Pow: 5.07 (22 °C) octanol/water : log Pow: 0.69 (22 °C)

Method: OECD Test Guideline 107

GLP: yes

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Harmful to aquatic life.

Toxic to aquatic life with long lasting effects.

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

RCRA - Resource Conservation and Recovery Authorization

tion 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 precau-

tions for product.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

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Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

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(ISO-BU

AND PENTYL) ESTERS, ZINC SALTS)

Class : 9 Packing group : III

Labels



Marine pollutant : yes

¥2>

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(ISO-BU AND

PENTYL) ESTERS, ZINC SALTS)

Class : 9
Packing group : III
Labels : 9

Packing instruction (cargo

aircraft)

964: 450.00 L

Print Date: 02/21/2021

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Packing instruction (passen-

ger aircraft)

Environmentally hazardous

: 964: 450.00 L

yes

IMDG-Code

UN number UN 3082

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S.

(PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(ISO-BU

AND PENTYL) ESTERS, ZINC SALTS)

Class Packing group Ш 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

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

Components	CAS-No.	Concentration
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters,	68457-79-4	90 - 100 %
zinc salts		

US State Regulations

Massachusetts Right To Know

Distillates (petroleum), hydrotreated light paraffinic 64742-55-8 >= 5 - < 10

Massachusetts Right To Know

Distillates (petroleum), hydrotreated light paraffinic 64742-55-8

Pennsylvania Right To Know

Phosphorodithioic acid, mixed O,O-bis(iso-Bu and 68457-79-4 >= 90 - < 100 pentyl) esters, zinc salts

Distillates (petroleum), hydrotreated light paraffinic 64742-55-8 >= 5 - < 10

Pennsylvania Right To Know

Phosphorodithioic acid, mixed O,O-bis(iso-Bu and 68457-79-4 pentyl) esters, zinc salts

Distillates (petroleum), hydrotreated light paraffinic 64742-55-8

California Prop. 65

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

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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.

ADDITIN RC 3045

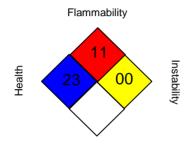


Version Revision Date: SDS Number: Date of previous issue: 11/29/2017 2.0 12/05/2020 103000010532 Country / Language: US / EN

SECTION 16. OTHER INFORMATION

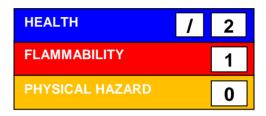
Further information

NFPA:



Special hazard

HMIS® IV:



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 : 12/05/2020

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