

# SAFETY DATA SHEET

## ADDITIN RC 3080



Version 1.0      Revision Date: 11/02/2020      SDS Number: 203000012279      Date of last issue: -  
Country / Language: US / EN

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### SECTION 1. IDENTIFICATION

Product name : ADDITIN RC 3080  
Product code : 000000000001180944

#### Manufacturer or supplier's details

Company : LANXESS Corporation  
Product Safety & Regulatory Affairs  
111 RIDC Park West Drive  
Pittsburgh, Pennsylvania 15275-1112

Responsible Department : (800) LANXESS  
(412) 809-1000  
lanxesshes@lanxess.com

Emergency telephone : CHEMTREC (800) 424-9300 or  
(703) 527-3887 (Outside U.S.A) and mention CCN12916.  
Lanxess Emergency Phone (800) 410-3063.

#### Recommended use of the chemical and restrictions on use

Recommended use : Additive for lubricants


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### SECTION 2. HAZARDS IDENTIFICATION

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

Serious eye damage : Category 1

#### GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : Causes serious eye damage.

Precautionary Statements : **Prevention:**  
Wear eye protection/ face protection.

**Response:**  
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.

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### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4)	4259-15-8	>= 90 - <= 100
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	>= 1 - < 5
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

- 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.  
Get medical attention if symptoms occur.
- 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 personnel.  
Get medical attention if symptoms occur.

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

- Symptoms : Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.
- Effects : Causes serious eye damage.
- Protection of first-aiders : No action shall be taken involving any personal risk or without



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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

- Technical measures : Ensure that eyewash stations and safety showers are close to the workstation location.  
No data available
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Remove contaminated clothing and protective equipment before 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 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.  
Empty containers retain residue and can be dangerous.  
Do not reuse container.

### 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), hy-	64742-53-6	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z-1

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drotreated light naphthenic				
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable particulate matter)	5 mg/m3	ACGIH

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

### Hand protection

**Material** : PVC  
**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  
If inhalation hazards exist, a full-face respirator may be required instead.

**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

**Physical state** : liquid

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Color : yellow

Odor : characteristic

Odor Threshold : No data available

pH : 5.5 - 6.5  
Concentration: 100 g/l  
in TBN solvent

Melting point/range : Not applicable

Boiling point/boiling range : No data available

Flash point : > 302 °F / 150 °C  
Method: closed cup

Evaporation rate : No data available

Self-ignition : Autoignition temperature  
Not applicable

Burning number : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : No data available

Relative density : No data available

Density : 1.05 g/cm<sup>3</sup> (68 °F / 20 °C)

Solubility(ies)  
Water solubility : insoluble

Solubility in other solvents : Solvent: mineral oil  
Description: soluble

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

Decomposition temperature : No data available

Viscosity  
Viscosity, dynamic : No data available

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Viscosity, kinematic : 120 mm<sup>2</sup>/s (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.  
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  
Hazardous decomposition products : Spontaneous decomposition may start at 150°C.  
After prolonged heating, slow decomposition may start at above 80°C.  
Formation of alkylmercaptans, dialkylsulphides, traces of hydrogen sulphide possible.

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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

Not classified based on available information.

#### Product:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

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### Components:

#### **Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4):**

Acute oral toxicity : LD50 (Rat): > 3,100 mg/kg  
Method: OECD Test Guideline 401

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

#### **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

#### **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 inhalation 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**

Not classified based on available information.

### Components:

#### **Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4):**

Species : Rabbit  
Result : No skin irritation



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

Species : Rabbit  
Result : No skin irritation

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

Species : Rabbit  
Method : Draize Test  
Result : No skin irritation  
GLP : yes  
Remarks : Test results on an analogous product

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

Causes serious eye damage.

### **Components:**

#### **Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4):**

Species : Rabbit  
Result : Risk of serious damage to eyes.

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

Species : Rabbit  
Result : No eye irritation  
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:**

#### **Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4):**

Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Not a skin sensitizer.

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### **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:**

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.

### **Components:**

#### **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

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GLP: No information available.  
Remarks: Test results on an analogous product

### **Carcinogenicity**

Not classified based on available information.

### **Components:**

#### **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:**

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

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.

### **Components:**

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

Effects on fertility : Test Type: Fertility/early embryonic development  
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 development were detected.  
GLP: yes  
Remarks: Test results on an analogous product

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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 naphthenic:**

Assessment : May cause respiratory irritation.

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

Assessment : May cause respiratory irritation.

### STOT-repeated exposure

Not classified based on available information.

### Repeated dose toxicity

#### Components:

#### **Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4):**

NOAEL : 125 mg/kg  
Method : OECD Test Guideline 407

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

Species : Rat, male  
LOAEL : 125 mg/kg  
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/m<sup>3</sup>  
Application Route : Inhalation

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Test atmosphere : dust/mist  
Exposure time : 28 d  
Dose : 50 - 220 - 980 mg/m<sup>3</sup>  
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 naphthenic:**

May be fatal if swallowed and enters airways.

#### **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:

#### **Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4):**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 4.4 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 75 mg/l  
aquatic invertebrates : Exposure time: 48 h  
Method: OECD Test Guideline 202

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- Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): > 240 mg/l  
Exposure time: 72 h
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 0.4 mg/l  
Exposure time: 21 d
- Toxicity to microorganisms : EC50 (Pseudomonas putida): 380 mg/l  
Exposure time: 16 h  
Method: OECD Test Guideline 209

### Ecotoxicology Assessment

- Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

### 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/aquatic plants : 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 : LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 203  
GLP: yes  
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/aquatic plants : EL50 (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l  
End point: Growth rate  
Exposure time: 72 h  
Analytical monitoring: no  
Method: OECD Test Guideline 201

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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 (Chronic 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:

#### **Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-kS,kS']-, (T-4):**

Biodegradability : Result: Not readily biodegradable.

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

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

No data available

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

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)

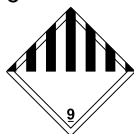
Waste from residues : The generation of waste should be avoided or minimized wherever possible.  
This material and its container must be disposed of in a safe way.  
Empty containers retain product residue; observe all precautions for product.  
Avoid dispersal of spilled material and runoff and contact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

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

UN/ID No. : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s.  
(2-ETHYLHEXYL-ZINCDITHIOPHOSPHATE)  
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



##### IMDG-Code

UN number : UN 3082



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Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-ETHYLHEXYL-ZINCDITHIOPHOSPHATE)

Class : 9  
Packing group : III  
Labels : 9



EmS Code : F-A, S-F  
Marine pollutant : yes



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

Not applicable for product as supplied.

### Domestic regulation

#### 49 CFR

UN/ID/NA number : UN 3082  
Proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (2-ETHYLHEXYL-ZINCDITHIOPHOSPHATE)

Class : 9  
Packing group : III  
Labels : 9



ERG Code : 171  
Marine pollutant : yes



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.

Hazard and Handling Notes. : Environmentally hazardous substance., Risk of serious damage to eyes, Keep separated from foodstuffs

### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet.

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Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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### SECTION 15. REGULATORY INFORMATION

#### CERCLA 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** : Serious eye damage or eye irritation

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

Zinc, bis[O,O-bis(2-ethylhexyl)phosphorodithioato-kS,kS']-, (T-4)	4259-15-8	>= 90 - <= 100 %
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#### US State Regulations

##### Massachusetts Right To Know

Distillates (petroleum), hydrotreated light naphthenic	64742-53-6
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8

##### Pennsylvania Right To Know

Zinc, bis[O,O-bis(2-ethylhexyl)phosphorodithioato-kS,kS']-, (T-4)	4259-15-8
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6
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, or any other reproductive defects.

#### TSCA inventory

TSCA : All substances listed as active on the 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.

# SAFETY DATA SHEET

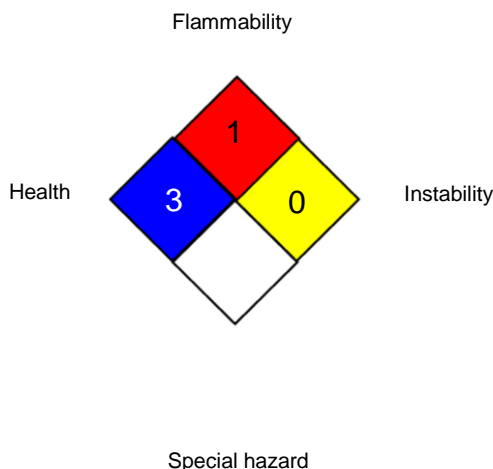
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### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA 704:



##### 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.

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants  
ACGIH / TWA : 8-hour, time-weighted average  
OSHA Z-1 / TWA : 8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-

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fect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 11/02/2020

The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered to be a guidance for processing and does not contain any warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.