

SAFETY DATA SHEET

Infineum C9429B



Version 2.0

Revision Date 04/09/2025

Print Date 04/10/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Infineum C9429B

Other means of Identification : 74755

Recommended use : Component of lubricant additives

Restrictions on use : This material should not be used for any other purpose than that recommended without expert advice.

Manufacturer or supplier's details : INFINEUM USA L.P.
P.O. Box CN 135
Linden, NJ. 07036 USA

E-mail address for further information : SDS@infineum.com

Website for further information : <http://www.infineum.com>

Emergency telephone : 703-527-3887 (international & maritime)
800-424-9300 (Transportation emergencies in the USA & Canada)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200

This material is considered to be hazardous according to regulations.

GHS-Classification

Skin irritation: Category 2

Serious eye damage: Category 1

Hazard statements:

H315: Causes skin irritation.

H318: Causes serious eye damage.

GHS Label elements, including precautionary statements

Pictogram:



Signal word: Danger

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Hazard statements:

H315: Causes skin irritation.
H318: Causes serious eye damage.

Precautionary statements:

Prevention

P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/ eye protection/ face protection.

Response

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 + P310: 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.
P332 + P313: If skin irritation occurs: Get medical advice/ attention.
P362: Take off contaminated clothing and wash before reuse.

Contains: Zinc alkyl dithiophosphate

Other hazards which do not result in classification

Contact with hot material may cause thermal burns
Warning: If this material is overheated, especially in the presence of water, hydrogen sulphide may be released; this can cause rapid respiratory collapse, coma and death without necessarily any warning odour being sensed.

HMIS Classification : Health: 3
Chronic Health Hazard: /
Flammability: 1
Physical hazards: 0

NFPA Classification : Health: 3
Flammability: 1
Instability: 0

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Name	CAS number or other code	Concentration [%]
Zinc alkyl dithiophosphate	2215-35-2	80
Highly refined mineral oil	64742-56-9	>= 1 - < 5

* These ingredients are either impurities or UVCB constituents.

All concentrations are weight percent units for liquids or volume percent units for gaseous

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products.

Other ingredients are either not hazardous or are below the regulatory disclosure limit..

As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

SECTION 4. FIRST AID MEASURES

Description of first-aid measures

- General advice** : Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.
- If inhaled** : Consult a physician after significant exposure.
If unconscious, place in recovery position and seek medical advice.

If breathing has stopped, assist ventilation with a mechanical device. Do not use mouth-to-mouth resuscitation if exposure to hydrogen sulphide is suspected.
- In case of skin contact** : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.
In case of burns apply cold water until pain subsides then seek medical advice.
- In case of eye contact** : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists: Get medical advice/ attention.
- If swallowed** : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed

Symptoms : corrosive effects

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irritant effects
Dermatitis

Indication of any immediate medical attention and special treatment needed

Treatment : Show this material safety data sheet to the doctor in attendance.
The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.
If a person vomits when lying on his back, place him in the recovery position.
Keep patient warm and at rest.

Protection of first-aiders : For personal protection see section 8.

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames

Unsuitable extinguishing media : High volume water jet

Specific hazards arising from the chemical

Combustibility : Not classified as flammable or combustible, but will combust if ignited.

Hazardous combustion products : Hydrogen sulphide, Sulphur oxides and Phosphorus oxides
Zinc oxides

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Flammable properties : See Section 9 for information on flammability.

Special protective equipment and precautions for fire-fighters

Protective equipment and precautions for firefighters : In the event of fire, wear self-contained breathing apparatus. Exposure to decomposition products may be a hazard to health.

Fire Fighting Instructions : 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. In the event of fire and/or explosion do not breathe fumes.

Fire-fighters should exercise extreme caution in enclosed spaces due to the possible presence of toxic decomposition and combustion products. Self-contained full-face overpressure breathing apparatus should be used in enclosed spaces. Use standard body protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: Advice for emergency responders
 Ensure adequate ventilation.
 Use personal protective equipment.
 Material can create slippery conditions.
 For personal protection see section 8.

Advice for non-emergency personnel
 Avoid contact with spilled material. Do not touch or walk through spilled material.

Environmental precautions

: Prevent entry into waterways, sewers, basements or confined areas.

Local authorities should be advised if significant spillages cannot be contained.
 Do not flush into surface water or sanitary sewer system.
 Prevent further leakage or spillage if safe to do so.
 Retain and dispose of contaminated wash water.
 Try to prevent the material from entering drains or water courses.
 If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up

: Prevent further leakage or spillage if safe to do so.
 Large Spills: Dyke far ahead of liquid spill for later recovery and disposal.
 Recover by pumping or with suitable absorbent

Report spills as required to appropriate authorities.
 Seek the advice of a specialist before using dispersants.
 Dispose of according to local regulations.
 In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.
 Material will sink to the sediment layer
 Remove debris in path of spill prior to oiling and remove contaminated debris from shoreline and water surface.

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Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

Reference to other sections

Other information : For personal protection see section 8.
See section 13

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
Handle and open container with care.

This product contains Zinc Dialkyl DithioPhosphate (ZDDP), a thermally sensitive substance.

Do not heat this product except as described below. Do not reheat above the maximum loading temperature. Higher temperatures can result in exothermic decomposition leading to the release of highly toxic hydrogen sulphide and extremely odorous alkyl mercaptans. Alkyl mercaptans can be smelled at extremely low concentrations, and vapours may travel for many miles at detectable concentrations. These decomposition vapours are also flammable and may suddenly ignite when mixed with air in the presence of ignition sources such as sparks or flames. With proper facilities, no heating is required for pumping at ambient temperatures. Lower temperatures may result in some crystallisation of the product. If extreme cold weather conditions necessitate heating, then tempered water or oil, not exceeding the maximum loading temperature are recommended. Product temperature must never exceed the maximum loading temperature. If heated, product temperature should be constantly monitored, and product should be agitated to avoid localised temperatures in the container above the maximum loading temperature. Higher temperatures will lead to degradation of product quality and eventually to decomposition. Product should be stored at the recommended storage temperature. Extreme caution must be used in tank gauging or similar operations as lethal concentrations of hydrogen sulphide could accumulate in the head-space of containers.

Warning: If this material is overheated, especially in the presence of water, hydrogen sulphide may be released; this can cause rapid respiratory collapse, coma and death without necessarily any warning odour being sensed.

If decomposition is suspected, or if the product has been overheated, do not open the container, discontinue heating and secure the unit. Initiate emergency procedures, taking all necessary precautions to avoid exposure to noxious or flammable gases (e.g. hydrogen sulphide), such as evacuation of contaminated areas, and use of suitable respiratory protection.

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Normal measures for preventive fire protection.

Products may load from Infineum manufacturing site above the standard loading/unloading range.

Loading/unloading temperature : 10 °C (50 ° F) - 60 °C (140 ° F)

Viscosity @ Loading/unloading temperature : 35 cSt - 1,874 cSt

Static accumulator : This material is not a static accumulator.

Conditions for safe storage, including any incompatibilities

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.

No decomposition if stored and applied as directed.

Do not reheat above: 60 °C (140 ° F)

Storage temperature : 10 °C (50 ° F) - 40 °C (104 ° F)

Incompatible materials and coatings : Natural Rubber, Butadiene Rubber

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values

Exposure limits for materials that can be formed when handling this product: When mists/aerosols can occur, the following are recommended: 5mg/m³ - ACGIH TLV, 10 mg/m³ - ACGIH STEL Limits/standards shown for guidance only. Follow applicable regulations.

Occupational exposure controls

Appropriate engineering controls : No special requirements under ordinary conditions of use and with adequate ventilation.
If decomposition is suspected, or if the product has been overheated, do not open the container, discontinue heating and secure the unit. Initiate emergency procedures, taking all necessary precautions to avoid exposure to noxious or flammable gases (e.g. hydrogen sulphide), such as evacuation of contaminated areas, and use of suitable respiratory protection.

Individual protection measures, such as personal protective equipment (PPE)

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- Respiratory protection : In the case of vapor formation use a respirator with an approved filter.
- Hand protection : Polyvinyl alcohol or nitrile- butyl-rubber gloves
Before removing gloves clean them with soap and water.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
When handling hot material, use heat resistant gloves.
- Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.
Ensure that eyewash stations and safety showers are close to the workstation location.
- Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Long sleeved clothing

Advice on general occupational hygiene

- Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and immediately after handling the product.
Remove contaminated clothing and protective equipment before entering eating areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

Information on basic physical and chemical properties

- Physical state : liquid
- Form : liquid
- Color : off-white
- Odor : not determined
- Odor Threshold : not determined

Important health safety and environmental information

- Relative density : not determined

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Bulk density	: Not applicable
Density	: 1.0708 g/cm ³ at 15 °C (59 ° F) Method: ASTM D 1298
Flash point	: 110 °C (230 ° F) Method: Pensky-Martens Closed Cup (ASTM D93A)
Flammability (solid, gas)	: not determined
Lower flammability limit	: not determined
Upper flammability limit	: not determined
Autoignition temperature	: Not applicable
Initial boiling point and boiling range	: not determined
Vapor density (Air = 1.0)	: not determined
Vapor pressure	: < 0.1 hPa (< 0.1 mmHg) at 20 °C (68 ° F) estimated
Evaporation rate (N-butyl acetate=1)	: Not applicable
pH	: Not applicable
Partition coefficient: n-octanol/water	: not determined
Water solubility	: < 0.0001 g/l estimated
Viscosity, kinematic	: 7.7 mm ² /s at 100 °C (212 ° F) Method: ASTM D 445 115 mm ² /s at 40 °C (104 ° F) Method: ASTM D 445
Explosive properties	: not determined
Oxidizing properties	: See sections 3, 15
Decomposition temperature	: not determined
Pour point	: -16 °C (3 ° F) Method: ASTM D97
Melting point/freezing point	: not determined

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Other information

DMSO extract by IP346 : Less than 3.0 wt% (mineral oil component only)
Coefficient of thermal expansion : 0.00079 1/°C ITM 50-020

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.
Chemical stability : Stable under recommended storage conditions.
Possibility of hazardous reactions : No hazards to be specially mentioned.
Conditions to avoid : Excessive heat.
Incompatible materials : Strong oxidizing agents, water
Hazardous decomposition products : Hydrogen Sulfide

If decomposition is suspected, or if the product has been overheated, do not open the container, discontinue heating and secure the unit. Initiate emergency procedures, taking all necessary precautions to avoid exposure to noxious or flammable gases (e.g. hydrogen sulphide), such as evacuation of contaminated areas, and use of suitable respiratory protection.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Product

Acute oral toxicity : No data is available on the product itself.
Acute inhalation toxicity : No data is available on the product itself.
Acute dermal toxicity : No data is available on the product itself.
Skin corrosion/irritation : No data is available on the product itself.
Serious eye damage/eye irritation : No data is available on the product itself.
Respiratory or skin sensitization : No data is available on the product itself.
Germ cell mutagenicity : No data is available on the product itself.
Genotoxicity in vitro : No data is available on the product itself.
Genotoxicity in vivo : No data is available on the product itself.

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- Carcinogenicity : No data is available on the product itself.
- Reproductive toxicity : No data is available on the product itself.
- STOT-single exposure : Assessment: No data is available on the product itself.
- STOT-repeated exposure : Assessment: No data is available on the product itself.
- Aspiration toxicity : No data is available on the product itself.

Components:

Zinc alkyl dithiophosphate:

- Acute oral toxicity : **LD50 Rat: 2,230 mg/kg**
Method: **OECD Test Guideline 401**
Test substance: **yes**
Remarks: **May be harmful if swallowed.**
- Acute inhalation toxicity : **LC50 Rat: > 2 mg/l**
Exposure time: **1 h**
Method: **OECD Test Guideline 403**
Test substance: **Read-across (Analogy)**
Remarks: **Based on available data, the classification criteria are not met.**
- Acute dermal toxicity : **LD50 Rabbit: > 25,000 mg/kg**
Method: **OECD Test Guideline 402**
Test substance: **yes**
GLP: **yes**
Remarks: **Based on available data, the classification criteria are not met.**
- Skin corrosion/irritation : Species: **Rabbit**
Exposure time: **4 h**
Result: **Skin irritation**
Method: **OECD Test Guideline 404**
Test substance: **yes**
Causes skin irritation.
- Serious eye damage/eye irritation : Species: **Rabbit**
Result: **Causes serious eye damage.**
Method: **OECD Test Guideline 405**
Test substance: **yes**
Specific concentration limits : Eye Irrit. 2 H319 \geq 10%; Eye Dam. 1 H318 \geq 10%.
- Respiratory or skin sensitization : Test Method: **Buehler Test**
Species: **Guinea pig**
Result: **Does not cause skin sensitization.**
Method: **OECD Test Guideline 406**
Test substance: **yes**

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Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity in vitro

: Type: **Ames test**
Test species: **Salmonella typhimurium with and without metabolic activation**
Result: **negative**
Method: **OECD Test Guideline 471**
GLP: **yes**
Test substance: **yes**
Based on available data, the classification criteria are not met.
Type: **In vitro gene mutation study in mammalian cells**
Test species: **Rodent cell line with and without metabolic activation**
Result: **negative**
Method: **OECD Test Guideline 476**
Test substance: **yes**

Genotoxicity in vivo

: Type: **Chromosome aberration test in vitro**
Test species: **Mouse** Application Route: **Intraperitoneal injection**
Method: **OECD Test Guideline 474**
GLP: **yes**
Test substance: **yes**
Result: **negative** Based on available data, the classification criteria are not met.

Carcinogenicity

: **No data available**

Reproductive toxicity

: **Screening for reproductive/developmental toxicity** Species: **Rat**
Application Route: **Oral**
NOAEL: **160 mg/kg,**
F1: **160 mg/kg,** Method: **OECD Test Guideline 422**
GLP: **yes**
Test substance: **yes**
Based on available data, the classification criteria are not met.

Screening for reproductive/developmental toxicity Species: **Rat**
Application Route: **Oral**
NOAEL: **30 mg/kg,**
F1: **30 mg/kg,** Method: **OECD Test Guideline 421**
GLP: **yes**
Test substance: **Read-across (Analogy)**
Based on available data, the classification criteria are not met.

STOT-single exposure

: Assessment: **Based on available data, the classification criteria are not met.**

STOT-repeated exposure

: Assessment: **Based on available data, the classification criteria are not met.**

Aspiration toxicity

: **Based on available data, the classification criteria are not met.**

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Highly refined mineral oil:

Carcinogenicity : No data available
Aspiration toxicity : May be fatal if swallowed and enters airways.

Carcinogenicity

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.

ACGIH

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : No data is available on the product itself.
Toxicity to daphnia and other aquatic invertebrates : No data is available on the product itself.
Toxicity to algae : No data is available on the product itself.

Components:

Zinc alkyl dithiophosphate:

Toxicity to fish : LL50 (*Oncorhynchus mykiss* (rainbow trout)): 4.5 mg/l
Exposure time: 96 h
Test Method: semi-static test
Analytical monitoring: no
Test substance: Read-across (Analogy)
Method: OECD Test Guideline 203
GLP: yes
Toxic to aquatic life.
LC50 (*Cyprinodon variegatus* (sheepshead minnow)): 46 mg/l

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	<p>Exposure time: 96 h Test Method: semi-static test Analytical monitoring: no Test substance: Read-across (Analogy) Method: OECD Test Guideline 203 GLP: yes Harmful to aquatic life.</p>
Toxicity to daphnia and other aquatic invertebrates	<p>: EL50 (Daphnia magna (Water flea)): 23 mg/l Exposure time: 48 h Test Method: static test Analytical monitoring: no Test substance: Read-across (Analogy) Method: OECD Test Guideline 202 GLP: yes Harmful to aquatic life.</p>
Toxicity to algae	<p>: EC50 (Desmodesmus subspicatus (green algae)): 21 mg/l Exposure time: 72 h Test Method: static test Analytical monitoring: no Test substance: Read-across (Analogy) Method: OECD Test Guideline 201 GLP: yes Harmful to aquatic life.</p>

Persistence and degradability

Product:

Biodegradability : No data is available on the product itself.

Components:

Zinc alkyl dithiophosphate:

Biodegradability	<p>: aerobic activated sludge Concentration: 10 mg/l Result: Not readily biodegradable. Biodegradation: 1.5 % Exposure time: 28 d Method: OECD Test Guideline 301B Test substance: Read-across (Analogy) According to the results of tests of biodegradability this product is not readily biodegradable.</p>
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Bioaccumulative potential

Product:

Bioaccumulation : No data is available on the product itself.

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Partition coefficient: n-octanol/water : not determined

Components:

Zinc alkyl dithiophosphate:

Bioaccumulation : Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Partition coefficient: n-octanol/water : log Pow: 2.21

Mobility in soil

Product:

Mobility : No data is available on the product itself.

Components:

Zinc alkyl dithiophosphate:

Mobility : immobile

Highly refined mineral oil:

Mobility : After release, adsorbs onto soil.

Results of PBT and vPvB assessment

Product:

Assessment : No data is available on the product itself.

Components:

Zinc alkyl dithiophosphate:

Assessment : Substance is not persistent, bioaccumulative, and toxic (PBT)., Substance is not very persistent and very bioaccumulative (vPvB).

Highly refined mineral oil:

Assessment : Substance is not persistent, bioaccumulative, and toxic (PBT)., Substance is not very persistent and very bioaccumulative (vPvB).

Other adverse effects

Product:

Additional ecological information : None known.

SECTION 13. DISPOSAL CONSIDERATIONS

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Disposal recommendations based on material as supplied, Disposal must be in accordance with applicable laws and regulations, and material characteristics at time of disposal

For the safety of persons conducting disposal, recycling or reclamation activities, refer to the information in Section 8, Exposure control and personal protection.

Disposal recommendations

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of contents/ container to an approved waste disposal plant.

Empty containers.

Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. **DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

SECTION 14. TRANSPORT INFORMATION

LAND (DOT)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Zinc alkyl dithiophosphate)

Class	9
UN number	UN3082
Packing group	III
Labels	9
Emergency Response Guidebook Number	171
Marine pollutant	yes

SEA (IMDG)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Zinc alkyl dithiophosphate)

Class	9
UN number	UN3082
Packing group	III
Labels	9
EmS Number 1	F-A

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EmS Number 2
Marine pollutant

S-F
yes

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

Remarks Not applicable

AIR (IATA)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Zinc alkyl dithiophosphate)

Class 9
UN number UN3082
Packing group III
Labels 9

SECTION 15. REGULATORY INFORMATION

National chemical inventory status:

List	Status
USA, Active Inventory (TSCA)	: On the inventory, or in compliance with the inventory
Canada Inventory (DSL)	: On the inventory, or in compliance with the inventory
Australia, AIIC	: On the inventory, or in compliance with the inventory
New Zealand, NZIoC	: On the inventory, or in compliance with the inventory
Japan, ENCS	: On the inventory, or in compliance with the inventory
Korea, KECI	: On the inventory, or in compliance with the inventory
Philippines, PICCS	: On the inventory, or in compliance with the inventory
China, IECSC	: On the inventory, or in compliance with the inventory
Taiwan, TCSI	: On the inventory, or in compliance with the inventory

To import this product into Korea, your company requires registrations and/or pre-registrations updates for all constituent substances that are subject to K-REACH registration. To discuss the possibility of setting up an Only Representative agreement with Infineum, please e-mail K-REACH.InfineumOnlyRepresentative@Infineum.com.

To import this product into the EU your company requires registrations for all constituent substances that are subject to REACH registration. To discuss the possibility of setting up an Only Representative agreement with Infineum, please e-mail Only.Representatives@Infineum.com

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CERCLA Reportable Quantity

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Contact local authorities to determine if other reporting requirements apply.

SARA 311/312 Hazards : Skin corrosion or irritation, Serious eye damage or eye irritation

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302 No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

Components	CAS-No.	Concentration%
Zinc alkyl dithiophosphate	2215-35-2	80.00

California Prop. 65

WARNING! This product can expose you to chemicals including the chemical/s shown below, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Components * Lead and Lead compounds
* Cadmium & Cadmium Compounds

SECTION 16. OTHER INFORMATION

Revision changes since the previous version are marked in the margins throughout this document

Sources of key data used to compile the Material Safety Data Sheet

Canadian Controlled Products Regulations
Canadian Environmental Protection Act (CEPA)
Canadian Hazardous Products Act
Canadian National Pollutant Release Inventory (NPRI)
Canadian Transportation of Dangerous Goods (TDG)
Canadian Workplace Hazardous Material Information System (WHMIS)
US American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (exposure limits)
US California Proposition 65
US Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
US Department of Health & Human Services. National Toxicology Program
US Department of Transport DOT 49 CFR

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US Hazardous Material Identification System (HMIS) III
US National Fire Protection Association (NFPA) 704
US National Institute for Occupational Safety & Health (NIOSH) (exposure limits)
US Occupational Safety & Health Administration (OSHA) 29 CFR 1910.1200 (Hazard Communication Standard)
US OSHA 29 CFR 1910.1000 - Table Z1 (exposure limits)
US State Right to Know Acts: Pennsylvania, Massachusetts, New Jersey
US Superfund Amendments and Reauthorization Act (SARA) 311/312. SARA 313
US Toxic Substances Control Act (TSCA)
Infineum studies
International Agency for Research on Cancer
International Air Transport Association: Dangerous Goods Regulations.
International Maritime Organization: International Maritime Dangerous Goods Code
Component supplier data

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