

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Issue: 04/11/2023 Version: 1.0

SECTION 1: IDENTIFICATION

<u>Product Identifier</u> <u>Product Form:</u> Mixture

Product Name: ZICAM® Cold & Flu (NA GHS 2015)

Product Code: 42016217
Intended Use of the Product

Cold and flu symptom relief. For adults and children ages 12+.

Name, Address, and Telephone of the Responsible Party

Company

Church & Dwight Co. Inc. 500 Charles Ewing Blvd Ewing Township, NJ 08628

T 1-800-524-1328

www.churchdwight.com

Emergency Telephone Number

Emergency Number: For Medical Emergency: 1-888-234-1828 (USA and Canada), 952-853-1925 (Outside USA and Canada)

For Chemical Emergency: VelocityEHS (800)255-3924 (North America) +1 (813)248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and FDA and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

Classification of the Substance or Mixture

GHS-US/CA Classification

Serious eye damage/eye irritation Category 1 H318
Hazardous to the aquatic environment - Acute Hazard Category 2 H401
Hazardous to the aquatic environment - Chronic Hazard Category 2 H411

Combustible Dust

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)





Signal Word (GHS-US/CA) : Danger

Hazard Statements (GHS-US/CA) : May form combustible dust concentrations in air.

H318 - Causes serious eye damage.

H401 - Toxic to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA): P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor.

P391 - Collect spillage.

P501 - Dispose of contents/container in accordance with local, regional, national,

territorial, provincial, and international regulations.

Supplemental Information: Avoid generating dust. Prevent dust accumulation (to minimize explosion hazard). Keep

04/11/2023 EN (English US) 1/11

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed.

Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US/CA)

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Name | Product Identifier | % * | GHS Ingredient Classification |
|-------------------------------|---------------------|-----------|-------------------------------|
| Zinc, bis(D-gluconato-O1,O2)- | (CAS-No.) 4468-02-4 | 7 - 13 | Eye Dam. 1, H318 |
| | | | Aquatic Acute 1, H400 |
| | | | Aquatic Chronic 1, H410 |
| | | | Comb. Dust |
| Zinc acetate dihydrate | (CAS-No.) 5970-45-6 | 0.5 – 1.5 | Acute Tox. 4 (Oral), H302 |
| | | | Skin Irrit. 2, H315 |
| | | | Eye Dam. 1, H318 |
| | | | Aquatic Acute 1, H400 |
| | | | Aquatic Chronic 1, H410 |
| Stearic acid | (CAS-No.) 57-11-4 | 0.5 – 1.5 | Comb. Dust |
| Magnesium stearate | (CAS-No.) 557-04-0 | 0.5 - 1.5 | Comb. Dust |
| Silica, amorphous | (CAS-No.) 7631-86-9 | 0.5 – 1.5 | Not classified |
| 1,2-Propanediol | (CAS-No.) 57-55-6 | ≤ 0.08 | Not classified |

Full text of H-statements: see section 16

SECTION 4: FIRST AID MEASURES

Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Encourage exposed person to cough, spit out, and blow nose to remove dust. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Product is a pharmaceutical preparation intended for oral usage. In cases of overdosage, rinse mouth if person is conscious and alert to surroundings and place them on their side. Contact a Poison Control Center or physician immediately. Do not induce vomiting.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes serious eye damage.

Inhalation: Dust may be harmful or cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation.

Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: This product is intended for oral use. Ingestion is not expected to be harmful when used as directed.

Chronic Symptoms: None expected under normal conditions of use.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

04/11/2023 EN (English US) 2/11

^{*}Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water fog, alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Combustible Dust.

Explosion Hazard: Dust explosion hazard in air.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. **Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products:** Carbon oxides (CO, CO₂). Nitrogen oxides. Zinc oxides. Chlorine compounds. Sodium oxides.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses. Risk of dust explosion.

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Avoid generating dust. Do not get in eyes, on skin, or on clothing. Do not breathe dust.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Eliminate ignition sources first, then ventilate the area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

Methods for Cleaning Up: Clean up spills and dispose of waste safely. Use only non-sparking tools. Use explosion proof vacuum during cleanup, with appropriate filter. Do not mix with other materials. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Use water to suppress dust. Contact competent authorities after a spill.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Precautions for Safe Handling: Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Avoid creating or spreading dust. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Avoid creating or spreading dust. Use explosion-proof electrical, ventilating, lighting equipment. Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

04/11/2023 EN (English US) 3/11

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Specific End Use(s)

Cold and flu symptom relief. For adults and children ages 12+.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

| governments. | | |
|----------------------------|----------------|--|
| 1,2-Propanediol (57-55-6) | | |
| USA AIHA | WEEL TWA | 10 mg/m³ |
| Ontario | OEL TWA | 10 mg/m³ (for assessing the visibility in a work environment where 1,2-Propylene glycol aerosol is present-aerosol only) 155 mg/m³ (aerosol and vapor) |
| Ontario | OEL TWA [ppm] | 50 ppm (aerosol and vapor) |
| Stearic acid (57-11-4) | | |
| USA ACGIH | ACGIH OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| British Columbia | OEL TWA | 10 mg/m³ (does not include Stearates of toxic metals- inhalable (Stearates) 3 mg/m³ (does not include Stearates of toxic metals- respirable (Stearates) |
| Manitoba | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| Newfoundland & Labrador | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| Nova Scotia | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| Ontario | OEL TWA | 10 mg/m³ (except stearates of toxic metals-inhalable particulate matter) 3 mg/m³ (except stearates of toxic metals-respirable particulate matter) |
| Prince Edward Island | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| Québec | VEMP (OEL TWA) | 10 mg/m³ (Stearates) |
| Magnesium stearate (557-04 | 1-0) | |
| USA ACGIH | ACGIH OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| British Columbia | OEL TWA | 10 mg/m³ (does not include Stearates of toxic metals- inhalable (Stearates) 3 mg/m³ (does not include Stearates of toxic metals- respirable (Stearates) |
| Manitoba | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| Newfoundland & Labrador | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| Nova Scotia | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) 3 mg/m³ (respirable particulate matter (Stearates) |
| Ontario | OEL TWA | 10 mg/m³ (except stearates of toxic metals-inhalable particulate matter) 3 mg/m³ (except stearates of toxic metals-respirable particulate matter) |
| Prince Edward Island | OEL TWA | 10 mg/m³ (inhalable particulate matter (Stearates) |
| | | · |

04/11/2023 EN (English US) 4/11

Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

| According to redefantegister / voi. //, No | . 307 Monday, March 20, 2012 / Ruics And Regulations And A | ccording to the Hazardous Products Regulation (February 11, 2015). |
|--|--|--|
| | | 3 mg/m³ (respirable particulate matter (Stearates) |
| Québec | VEMP (OEL TWA) | 10 mg/m³ (Stearates) |
| Silica, amorphous (7631-86- | | |
| USA OSHA | OSHA PEL (TWA) [1] | 6 mg/m³ |
| USA OSHA | OSHA PEL (TWA) [2] | 20 mppcf (80mg/m³/%SiO ₂) |
| USA NIOSH | NIOSH REL (TWA) | 6 mg/m³ |
| USA IDLH | IDLH | 3000 mg/m ³ |
| Yukon | OEL TWA | 300 particle/mL (as measured by Konimeter |
| | | instrumentation (Silica) |
| | | 20 mppcf (as measured by Impinger instrumentation |
| | | (Silica) |
| | | 2 mg/m³ (respirable mass (Silica) |
| Stearates | | |
| USA ACGIH | ACGIH OEL TWA | 10 mg/m³ (except stearates of toxic metals-inhalable |
| | | particulate matter) |
| | | 3 mg/m³ (except stearates of toxic metals-respirable |
| | | particulate matter) |
| USA ACGIH | ACGIH chemical category | Not Classifiable as a Human Carcinogen except stearates of |
| | , , , , , , , , , , , , , , , , , , , | toxic metals |
| Alberta | OEL TWA | 10 mg/m³ (excluding Stearates of toxic metals) |
| Manitoba | OEL TWA | 10 mg/m³ (except Stearates of toxic metals-inhalable |
| | | particulate matter) |
| | | 3 mg/m³ (except Stearates of toxic metals-respirable |
| | | particulate matter) |
| New Brunswick | OEL TWA | 10 mg/m³ (does not include stearates of toxic metals) |
| Newfoundland & Labrador | OEL TWA | 10 mg/m³ (except Stearates of toxic metals-inhalable |
| | | particulate matter) |
| | | 3 mg/m³ (except Stearates of toxic metals-respirable |
| | | particulate matter) |
| Nova Scotia | OEL TWA | 10 mg/m³ (except Stearates of toxic metals-inhalable |
| | | particulate matter) |
| | | 3 mg/m³ (except Stearates of toxic metals-respirable |
| | | particulate matter) |
| Nunavut | OEL STEL | 20 mg/m³ |
| Nunavut | OEL TWA | 10 mg/m³ |
| Northwest Territories | OEL STEL | 20 mg/m³ |
| Northwest Territories | OEL TWA | 10 mg/m³ |
| Ontario | OEL TWA | 10 mg/m³ (except stearates of toxic metals-inhalable |
| | | particulate matter) |
| | | 3 mg/m³ (except stearates of toxic metals-respirable |
| | | particulate matter) |
| Prince Edward Island | OEL TWA | 10 mg/m³ (except Stearates of toxic metals-inhalable |
| | | particulate matter) |
| | | 3 mg/m³ (except Stearates of toxic metals-respirable |
| | | particulate matter) |
| Saskatchewan | OEL STEL | 20 mg/m ³ |
| Saskatchewan | OEL TWA | 10 mg/m³ |
| | | |

04/11/2023 EN (English US) 5/11

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Exposure Controls

Appropriate Engineering Controls: For occupational/workplace settings: Ensure adequate ventilation, especially in confined areas. Use explosion-proof equipment. Use local exhaust or general dilution ventilation or other suppression methods to maintain dust levels below exposure limits. Power equipment should be equipped with proper dust collection devices. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Proper grounding procedures to avoid static electricity should be followed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.









Materials for Protective Clothing: For occupational/workplace settings: Chemically resistant materials and fabrics.

Hand Protection: For occupational/workplace settings: Wear protective gloves. **Eye Protection:** For occupational/workplace settings: Chemical safety goggles.

Skin and Body Protection: For occupational/workplace settings: Wear suitable protective clothing.

Respiratory Protection: For occupational/workplace settings: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State : Solid

Appearance : Top Blue and Bottom Orange Bi-layer tablet

Odor : Characteristic Peppermint

No data available **Odor Threshold** No data available **Evaporation Rate** No data available **Melting Point** No data available **Freezing Point** No data available **Boiling Point** No data available **Flash Point** No data available **Auto-ignition Temperature** No data available **Decomposition Temperature** No data available **Flammability** No data available **Lower Flammable Limit** No data available **Upper Flammable Limit** No data available **Vapor Pressure** No data available Relative Vapor Density at 20°C No data available **Relative Density** No data available **Specific Gravity** No data available Water: Soluble Solubility Partition Coefficient: N-Octanol/Water No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Viscosity

Hazardous reactions will not occur under normal conditions.

Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

04/11/2023 EN (English US) 6/11

No data available

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials. Sparks, heat, open flame and other sources of ignition. Dust accumulation (to minimize explosion hazard).

Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO₂). Oxides of zinc. Nitrogen oxides. Chlorine compounds. Sodium oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data:

No additional information available **Skin Corrosion/Irritation:** Not classified

Eye Damage/Irritation: Causes serious eye damage. **Respiratory or Skin Sensitization:** Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Dust may be harmful or cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: This product is intended for oral use. Ingestion is not expected to be harmful when used as

directed.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| LD50 and LC50 Data: | | |
|------------------------------------|--------------------------|--|
| Zinc acetate dihydrate (5970-45-6) | | |
| LD50 Oral Rat | 794 mg/kg | |
| 1,2-Propanediol (57-55-6) | | |
| LD50 Oral Rat | 20 g/kg | |
| LD50 Dermal Rabbit | 20800 mg/kg | |
| Stearic acid (57-11-4) | | |
| LD50 Oral Rat | > 5000 mg/kg | |
| LD50 Dermal Rabbit | > 2000 mg/kg | |
| Magnesium stearate (557-04-0) | | |
| LD50 Oral Rat | > 2000 mg/kg | |
| Silica, amorphous (7631-86-9) | | |
| LD50 Oral Rat | 7900 mg/kg | |
| LD50 Dermal Rabbit | > 2000 mg/kg (No deaths) | |
| Silica, amorphous (7631-86-9) | | |
| IARC Group | 3 | |

04/11/2023 EN (English US) 7/11

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Toxic to aquatic life with long lasting effects.

| Zinc, bis(D-gluconato-O1,O2)- (4468-02-4) | | |
|---|--|--|
| LC50 Fish 1 | 11.12 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss) | |
| EC50 - Crustacea [1] | 22.8 mg/l (Exposure time: 48 h - Species: Daphnia Magna) | |
| ErC50 algae | 0.26 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata) | |
| 1,2-Propanediol (57-55-6) | | |
| LC50 Fish 1 | 51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) | |
| EC50 - Crustacea [1] | 10000 mg/l (Exposure time: 24 h - Species: Daphnia magna) | |
| LC50 Fish 2 | 41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) | |
| EC50 - Crustacea [2] | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) | |
| NOEC Chronic Crustacea | 1000 mg/l | |
| NOEC Chronic Algae | 1000 mg/l | |
| Silica, amorphous (7631-86-9) | | |
| LC50 Fish 1 | 5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static]) | |
| EC50 - Crustacea [1] | 7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia) | |

Persistence and Degradability

| ZICAM® Cold & Flu (NA GHS 2015) | |
|---------------------------------|---|
| Persistence and Degradability | May cause long-term adverse effects in the environment. |

Bioaccumulative Potential

| ZICAM® Cold & Flu (NA GHS 2015) | | |
|---------------------------------|-------------------------------|--|
| Bioaccumulative Potential | Not established. | |
| 1,2-Propanediol (57-55-6) | | |
| BCF Fish 1 | (1 dimensionless) | |
| Log POW | -0.92 | |
| Silica, amorphous (7631-86-9) | | |
| BCF Fish 1 | (no bioaccumulation expected) | |

Mobility in Soil

| Stearic acid (57-11-4) | |
|----------------------------------|-------|
| Organic Carbon Normalized | 51.05 |
| Adsorption Coefficient (Log KOC) | |

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with DOT

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.(Zinc, bis(D-gluconato-O1,O2)-)

Hazard Class : 9

Identification Number : UN3077

Label Codes : 9
Packing Group : III

Marine Pollutant : Marine pollutant

ERG Number : 171

04/11/2023 EN (English US) 8/11

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

In Accordance with IMDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc, bis(D-gluconato-O1,O2)-)

Hazard Class : 9

Identification Number : UN3077

Label Codes: 9Packing Group: IIIEmS-No. (Fire): F-AEmS-No. (Spillage): S-F

Marine pollutant : Marine pollutant

In Accordance with IATA

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc, bis(D-gluconato-O1,O2)-)

Hazard Class : 9

Identification Number: UN3077

Label Codes: 9Packing Group: IIIERG Code (IATA): 9L

In Accordance with TDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Zinc, bis(D-gluconato-O1,O2)-)

Hazard Class : 9

Identification Number: UN3077

Label Codes : 9
Packing Group : III

Marine Pollutant (TDG) : Marine pollutant

Warme Pollutant (TDG) : Warme pollutar

SECTION 15: REGULATORY INFORMATION

US Federal and International Regulations

| ZICAM® Cold & Flu (NA GHS 2015) | |
|-------------------------------------|--|
| SARA Section 311/312 Hazard Classes | Health hazard - Serious eye damage or eye irritation |
| | Physical hazard - Combustible dust |

Zinc acetate dihydrate (5970-45-6)

Listed on the Canadian DSL (Domestic Substances List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Japanese Poisonous and Deleterious Substances Control Law

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

Zinc, bis(D-gluconato-O1,O2)- (4468-02-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

1,2-Propanediol (57-55-6)

04/11/2023 EN (English US) 9/11

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

Stearic acid (57-11-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

Magnesium stearate (557-04-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

Silica, amorphous (7631-86-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Canadian IDL (Ingredient Disclosure List)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

04/11/2023 EN (English US) 10/11

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemicals Inventory)

US State Regulations

1,2-Propanediol (57-55-6)

- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

Silica, amorphous (7631-86-9)

- U.S. Pennsylvania RTK (Right to Know) List
- U.S. Massachusetts Right To Know List

Canadian Regulations

Zinc acetate dihydrate (5970-45-6)

Listed on the Canadian DSL (Domestic Substances List)

Zinc, bis(D-gluconato-O1,O2)- (4468-02-4)

Listed on the Canadian DSL (Domestic Substances List)

1,2-Propanediol (57-55-6)

Listed on the Canadian DSL (Domestic Substances List)

Stearic acid (57-11-4)

Listed on the Canadian DSL (Domestic Substances List)

Magnesium stearate (557-04-0)

Listed on the Canadian DSL (Domestic Substances List)

Silica, amorphous (7631-86-9)

Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision Other Information

- : 04/11/2023
- : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and FDA and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

GHS Full Text Phrases:

| H302 | Harmful if swallowed |
|------|--|
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church & Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.

04/11/2023 EN (English US) 11/11