



US - OSHA SAFETY DATA SHEET

11/13/14

Revision Date

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Zyrtec Liquid Gels

Other means of identification

Product Code MCHC-ZYALLG
C-1306

Synonyms Zyrtec Allergy Liquid Gels
Zyrtec Allergy Liquid Caps

Recommended use of the chemical and restrictions on use

Recommended Use Temporarily relieves these symptoms due to hay fever or other respiratory allergies: sneezing; itchy, watery eyes; runny nose; itchy throat or nose.

Recommended Restrictions None Known.

Details of the supplier of the safety data sheet

Supplier Address

McNeil Consumer Healthcare, Division of McNeil-PPC, Inc.
7050 Camp Hill Rd.
Fort Washington, PA
10934-2299

Emergency telephone number

Company Phone Number (215) 273-7000

24 Hour Emergency Phone Number For 24-hour emergency assistance, call the 3E Company at 1 (877)-236-9871
Provide the technician with the following product tracking code: 2277

2. HAZARDS IDENTIFICATION

Classification

Health Hazards

Not classified

Physical hazards

Not Classified.

OSHA Regulatory Status

Over the counter drugs in their solid final form (e.g. capsules, tablets or pills) are considered exempt under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, in an industrial setting where a component's occupational exposure limits may be surpassed, they can be considered hazardous.

Label elements**Emergency Overview****Hazard symbol**

None

Signal word

None

Hazard statements

This material does not meet the criteria for classification.

Appearance Clear, oval, soft gelatin capsule with a white "Z10" print logo**Physical state** Soft Gelatin Capsule**Odor** Not available.**Precautionary Statements - Prevention**

Not Available

Precautionary Statements - Response

No specific first aid measures noted.

Precautionary Statements - Storage

Store at 20 - 25 °C (68 - 77 °F). Avoid high humidity and excessive heat above 40 °C (104°F). Protect from light.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)

Not classified.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Synonyms**

Zyrtec Allergy Liquid Gels.

| Chemical Name | CAS No. | Weight-% |
|------------------------------|------------|----------|
| Polyethylene Glycol | 25322-68-3 | 80-90 |
| Cetirizine Hydrochloride USP | 83881-52-1 | 1-5 |

4. FIRST AID MEASURES**First aid measures****Eye contact**

In case of eye contact, immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get medical attention if irritation persists.

Skin Contact

Should skin irritation, allergic reaction, or rash occur, remove contaminated clothing if required, then physically remove as much of the product as possible. Wash affected area with soap and water, then thoroughly flush the area with water. If irritation persists, seek medical advice.

Inhalation

If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Ingestion

If symptomatic, seek medical advice. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms and effects, both acute and delayed**Symptoms**

The most common adverse effects of cetirizine are somnolence, dry mouth, headache and fatigue.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Extinguish with water spray, carbon dioxide, dry chemical or material appropriate for the surrounding fire.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical

Not applicable.

Explosion data

Sensitivity to Mechanical Impact None known.

Sensitivity to Static Discharge None known.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear appropriate personal protective equipment (see Section 8).

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up If dry, vacuum and place into proper container for disposal. If wet, collect or scrape up and ensure area is thoroughly cleaned.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep only in the original container. Store at 20 - 25 °C (68 - 77 °F). Avoid high humidity and excessive heat above 40 °C (104 °F). Protect from light. Keep away from food, drink, and animal feedingstuffs. Keep out of reach of children.

Incompatible materials None known based on information supplied. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Biological limit values No biological exposure limits noted for the ingredients.

Exposure Guidelines

Based on a review of animal and clinical literature, an OEL of 167 µg/m³ is recommended as an 8-hour TWA for Cetirizine Hydrochloride.

Appropriate engineering controls**Engineering Controls**

The health hazard risks of handling this material are dependent on factors, such as physical form and quantity. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels as low as reasonably achievable.

Individual protection measures, such as personal protective equipment**Eye/face protection**

None required for consumer use. In laboratory, medical or industrial settings, safety glasses with side shields are recommended. The use of goggles or full face protection may be required depending on the industrial exposure setting. Contact a health and safety professional for specific information.

Skin and body protection

None required for consumer use. In laboratory, medical or industrial settings, gloves and lab coats are recommended. The use of additional personal protective equipment such as shoe coverings, gauntlets, hood or head coverings may be necessary. Contact a health and safety professional for specific information.

Hand protection

Use protective gloves. None required for consumer use. In laboratory, medical or industrial settings, gloves and lab coats are recommended. The use of additional personal protective equipment such as shoe coverings, gauntlets, hood or head coverings may be necessary. Contact a health and safety professional for specific information.

Respiratory protection

None required for consumer use. Respirators may be required for certain laboratory and manufacturing tasks if engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (where the exposure limits have not been established). Workplace risk assessments should be completed before specifying and implementing respirator usage. All respirators must conform to specifications for efficiency and performance. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134. Contact a health and safety professional or manufacturer for specific information.

Thermal hazards

Not applicable.

General Hygiene Considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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| 9. PHYSICAL AND CHEMICAL PROPERTIES |
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Information on basic physical and chemical properties**Physical state**

Soft Gelatin Capsule

Appearance

Clear, oval, soft gelatin capsule with a white "Z10" print logo

Odor

Not available.

Color

Not available.

Odor threshold

Not available.

Property**Values****Remarks • Method****pH**

Not available.

Melting point/freezing point

Not available.

Boiling point / boiling range

Not available.

Flash point

Not available.

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

Flammability Limit in Air**Upper flammability limit:**

Not available.

Lower flammability limit:

Not available.

Vapor pressure

Not available.

Vapor density

Not available.

| | |
|------------------------------|----------------|
| Specific Gravity | Not available. |
| Water solubility | Not available. |
| Solubility in other solvents | Not available. |
| Partition coefficient | Not available. |
| Autoignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Kinematic viscosity | Not available. |
| Dynamic viscosity | Not available. |
| Explosive properties | Not available. |
| Lower explosive limit: | Not available. |
| Upper explosive limit: | Not available. |
| Oxidizing properties | Not available. |

10. STABILITY AND REACTIVITY

Reactivity

Stable at normal conditions.

Chemical stability

Stable.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

Conditions to avoid

Low and elevated temperatures. High humidity.

Incompatible materials

None known based on information supplied. Strong oxidizing agents.

Hazardous Decomposition Products

Carbon oxides. Silicon oxides. Nitrogen oxides. Sodium oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|--|
| Product Information | No data available |
| Inhalation | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| Eye contact | Product dust or powder may cause mechanical eye irritation. |
| Skin Contact | This product is not expected to be a skin hazard. |
| Ingestion | Expected to be a low ingestion hazard. |

Acute Effects

The acute minimal lethal oral doses for cetirizine hydrochloride were 237 mg/kg in mice or approximately 95 times the maximum recommended daily oral dose in adults. The acute minimal lethal oral doses were 562 mg/kg in rats or approximately 460 times the maximum recommended daily oral dose in adults

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 | Intravenous LD50 |
|-----------------------------------|-----------------|--|-----------------|------------------|
| Polyethylene Glycol 25322-68-3 | = 28 g/kg (Rat) | > 20 mL/kg (Rabbit) >20 g/kg (Rabbit) | - | - |

Information on toxicological effects

| | |
|-----------------|--|
| Symptoms | The most common adverse effects of cetirizine are somnolence, dry mouth, headache and fatigue. |
|-----------------|--|

Delayed and immediate effects as well as chronic effects from short and long-term exposure

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|---------------------------------|---|
| Sensitization | This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity | Cetirizine was not mutagenic in the Ames test, and not clastogenic in the human lymphocyte assay, the mouse lymphoma assay and in vivo micronucleus test in rats. |
| Carcinogenicity | In a 2-year carcinogenicity study in rats, cetirizine was not carcinogenic at dietary doses up to 20 mg/kg or approximately 15 times the maximum recommended daily oral dose in adults. In a 2-year carcinogenicity study in mice, cetirizine caused an increased incidence of benign liver tumors in males at a dietary dose of 16 mg/kg or approximately 6 times the maximum recommended daily oral dose in adults. |
| Reproductive toxicity | In a fertility and general reproductive performance study in mice, cetirizine did not impair fertility at an oral dose of 64 mg/kg or approximately 25 times the maximum recommended daily oral dose in adults. In mice, rats, and rabbits, cetirizine was not teratogenic at oral doses up to 96, 225 and 135 mg/kg, respectively or approximately 40, 180 and 220 times the maximum recommended daily oral dose in adults. |
| STOT - single exposure | Not classified. |
| STOT - repeated exposure | Not classified. |
| Aspiration hazard | Due to the physical form of the product it is not an aspiration hazard. |

Numerical measures of toxicity - Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product's components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Dispose in accordance with applicable federal, state, and local regulations.

Local disposal regulations Dispose in accordance with local regulations.

Hazardous waste code Hazardous waste codes should be determined in accordance with hazardous waste regulatory authorities.

Waste from residue / unused packaging Dispose in accordance with applicable regulations.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

| | |
|---|---|
| DOT | Not regulated as a hazardous material by DOT. |
| IATA | Not regulated as a dangerous good. |
| IMDG | Not regulated as a dangerous good. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | This substance/mixture is not intended to be transported in bulk. |

15. REGULATORY INFORMATION

International Inventories

| | |
|----------------------|-----------------|
| TSCA | Does not comply |
| DSL/NDSL | Does not comply |
| EINECS/ELINCS | Does not comply |
| ENCS | Does not comply |
| IECSC | Does not comply |
| KECL | Does not comply |
| PICCS | Does not comply |
| AICS | Does not comply |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Over-the-counter drugs in their solid final form (e.g. tablets or pills) are considered exempt under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, in an industrial setting where a component's occupational exposure limits may be surpassed, they can be considered hazardous listed

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|--|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

Drug Enforcement Administration (DEA) List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Not regulated.

DEA Exempt Chemical Mixtures Code Number

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Safe Drinking Water Act (SWDA)

Not regulated

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulation**CA State Regulations**

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

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product does not contain any state regulated chemical.

U.S. EPA Label Information

EPA Pesticide Registration Number Not Available

16. OTHER INFORMATION**Revision Date****Revision Note**

Not available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a 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.

End of Safety Data Sheet