



US - OSHA SAFETY DATA SHEET

Issue Date 5/11/15

Revision Date

Version 1

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

Product identifier

Product Name Tylenol Child Oral Suspension

Other means of identification

Product Code C-432, C-476

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Temporarily reduces fever. Temporarily relieves minor aches and pains due to: the common cold, flu, headache, sore throat, and toothaches.

Uses advised against 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

This product is safe for consumers when used according to the label directions. Potential hazards that may occur if product is not used according to the consumer label are as follows in this Safety Data Sheet (SDS).

Label elements**Emergency Overview****Hazard statements**

This material does not meet the criteria for classification.

Hazard Symbol

None

Signal word

None

Appearance Red, cherry flavored suspension
Purple to reddish purple suspension with a characteristic grape odor

Physical state Liquid

Odor Characteristic grape
Cherry

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) in a dry place.

Precautionary Statements - Disposal

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

Hazards not otherwise classified (HNOC)

Not classified.

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

None

Chemical Name	CAS No.	Weight-%
High Fructose Corn Syrup	977042-84-4	70-80
Sorbitol Solution 70%	50-70-4	10-30
Glycerin	56-81-5	1-15
Acetaminophen	103-90-2	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** No information available.**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** Vacuum and place into proper container for disposal.**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling** Observe good industrial hygiene practices. Minimize dust generation and accumulation.**Conditions for safe storage, including any incompatibilities****Storage Conditions** Keep only in the original container. Store between 20 - 25 °C (68 - 77 °F). 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 limits noted for this ingredient(s).**Exposure Guidelines**Based on a review of animal and clinical literature, an Occupational Exposure Limit (OEL) of 3000 µg/m³ is recommended as an 8-hour TWA for Acetaminophen.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Glycerin 56-81-5	-	TWA: 15 mg/m ³ mist, total particulate	-

		TWA: 5 mg/m ³ mist, respirable fraction	
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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, and 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Characteristic grape
Appearance	Red, cherry flavored suspension Purple to reddish purple suspension with a characteristic grape odor		Cherry
Color	Red Purple	Odor threshold	Not available.
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
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. Minimize dust generation and accumulation.

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	May cause eye irritation on direct contact.
Skin Contact	This product is not expected to be a skin hazard.
Ingestion	Expected to be a low ingestion hazard.

Acute Effects

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50	Intravenous LD50
Sorbitol Solution 70% 50-70-4	= 15900 mg/kg (Rat)	-	-	-
Glycerin 56-81-5	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m ³ (Rat) 1 h	-
Acetaminophen 103-90-2	= 1944 mg/kg (Rat) = 338 mg/kg (Mouse)	-	-	-

Information on toxicological effects

Symptoms	When used as directed, side effects associated to acetaminophen are rare. If ingested in large doses, long-term chronic use or with alcohol, acetaminophen may cause liver damage, acute renal failure and jaundice.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Not available.
Serious eye damage/eye irritation	Not available.
Irritation	Not available.
Corrosivity	Not available.
Sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	There is no evidence to suggest that acetaminophen is mutagenic.
Carcinogenicity	There is no evidence to suggest that acetaminophen is carcinogenic.

Chemical Name	ACGIH	IARC	NTP	OSHA
Acetaminophen 103-90-2	-	Group 3	-	-

Reproductive toxicity	In rats and mice, high oral doses of acetaminophen impaired spermatogenesis and caused testicular atrophy. At oral doses up to 250 mg/kg/day during gestation, this drug was not teratogenic in mice or rats and did not cause intrauterine growth abnormalities in rats
Developmental Toxicity	Not available.
Teratogenicity	Not available.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Chronic toxicity	Not available.
Subchronic toxicity	Not available.
Target Organ Effects	Not available.
Neurological effects	Not available.
Other adverse effects	Not available.
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 regulation	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

<u>DOT</u>	Not regulated as a hazardous material by DOT.
<u>IATA</u>	Not regulated as a dangerous good.
<u>IMDG</u>	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/NDL	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/NDL - 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 (SDWA)

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 Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Glycerin 56-81-5	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not available.

16. OTHER INFORMATION

Issue Date 5/11/15

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