Material Safety Data Sheet
ANSI Format

Chapstick Products

Preparation Date 26-Jan-2007 **Revision Date** 22-Apr-2009 **Revision Number** 4

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Chapstick Products
Common Name	Not applicable
Chemical Name	Not applicable
Synonyms	ChapStick Classic, ChapStick Lip Moisturizer, ChapStick Medicated, ChapStick Flava-Craze, ChapStick Sun Care, ChapStick All Natural, ChapStick Overnight, True Shimmer, Fresh Effects Invigorating Green Tea Mint, Refreshing Mandarin, Cooling Cucumber Lemon Melon, Zesty Lime; Chapstick Ultrasmooth Formulas
Product Use	Cosmetic
Classification	Dermatology Product
Supplier	Wyeth P.O. Box 8299 Philadelphia, PA 19101 USA. Telephone: 1-610-688-4400
Emergency Telephone Number	Chemtrec USA, Puerto Rico, Canada 1-800-424-9300 Chemtrec International 1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

This product contains no substance which at their given concentrations are considered to be hazardous to health.

Appearance Tube or cream **Physical State** Solid **Odor** Not available

Potential Physical Hazards Powders and solids are presumed to be combustible.

Potential Health Effects

Eyes	May cause irritation.
Skin	May cause eye/skin irritation, allergic reactions, and rash.
	Please see package Insert for further information.
Inhalation	Not available
Ingestion	No data available
Therapeutic Target Organ(s)	Skin.
	Not listed by OSHA, NTP or IARC.

Potential Environmental Effects There is no known ecological information for this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	CAS-No	Composition
Inactive Ingredients	Not applicable	Remainder
Padimate	21245-02-3	0 - 1.5%
Octinoxate	5466-77-3	0 - 7.5%
Oxybenzone	131-57-7	0 - 5%
Camphor	76-22-2	0 - 3%
Benzocaine	94-09-7	0 - 20%
Octisalate	118-60-5	0 - 5%
Octocrylene	6197-30-4	0 - 7%
Dimethicone	9006-65-9	0 - 2%
Allantoin	97-59-6	0 - 1%
Petrolatum	8009-03-08	30 - 65%
Titanium Dioxide	13463-67-7	0-1.25%

4. FIRST AID MEASURES

Eye Contact In case of contact with eyes, rinse immediately with plenty of water for 15 mintues and seek medical advice

Skin Contact Wash off immediately with soap and plenty of water

Inhalation Artificial respiration and/or oxygen may be necessary

Ingestion Immediate medical attention is not required

5. FIRE-FIGHTING MEASURES

Flammable Properties Presumed to be a combustible particulate solid.

Extinguishing Media

Suitable Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire

Fire Fighting Evacuate area and fight fire from a safe distance

Hazardous Combustion Products Hazardous Combustion Products

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Safety glasses or goggles when splash potential exists

Environmental Precautions Local authorities should be advised if a significant spill cannot be contained

Methods for Containment Not available

Methods for Cleaning up Take up mechanically and collect in suitable container for disposal

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice

Storage Keep container tightly closed

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Common Name	**Exposure Guideline**
Oxybenzone	5 mg/m^3 (AIHA)
Camphor	2 mg/m^3 PEL (OSHA)
Benzocaine	500 mcg/m^3
Titanium Dioxide	15 mg/m^3 PEL (OSHA)

Engineering Controls Apply technical measures to comply with the occupational exposure guideline

Personal Protective Equipment

Eye/face Protection Provide eye protection based on risk assessment.

Skin Protection For prolonged or repeated exposure use protective gloves

Respiratory Protection Base respirator selection on a risk assessment.

General Hygiene Considerations When using, do not eat, drink or smoke

Other Limit access to only personnel trained in the safe handling of this material

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Tube or cream	**Physical State**	Solid
Color	Various	**Odor**	Not available
Odor Threshold	Not available		
pH	Not applicable		
Specific Gravity	Not applicable	**Water Solubility**	Not available
Solubility	Not applicable	**Evaporation Rate**	Not applicable
Partition Coefficient (n-octanol/water)	Not available	**Vapor Pressure**	Not applicable
Boiling Point	Not applicable	**Autoignition Temperature**	Not applicable
Flash Point	Not available	**Method**	None
Melting Point	Not available		
Flammability Limits in Air	**Upper** Not applicable	**Lower** Not applicable	
Upper Not applicable	**Lower** Not applicable		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable at room temperature.
Conditions to Avoid	No data available
Materials to Avoid	No materials to be especially mentioned
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Reactions	None under normal use.

11. TOXICOLOGICAL INFORMATION

The following effects are based on the Active Pharmaceutical Ingredient.

Acute Toxicity

Padimate

LD50 Oral	Not available
Acute Dermal Irritation	Not available
Primary Eye Irritation	Not available
Sensitization	Not available

Octinoxate

LD50 Oral	Not available
Acute Dermal Irritation	Not a skin irritant.
Primary Eye Irritation	Not available
Sensitization	Not a dermal sensitizer in animals.

Oxybenzone

LD50 Oral	7.4 gm/kg rats 2.9 gm/kg mice
Acute Dermal Irritation	3.5 gm/kg rabbits
Primary Eye Irritation	Not irritating to rabbit eyes.
Sensitization	Not a dermal sensitizer in guinea pigs.

Camphor

LD50 Oral	1.3 gm/kg mice
Acute Dermal Irritation	Mild irritation effect in rabbits.
Primary Eye Irritation	Not available
Sensitization	Not available

Benzocaine

LD50 Oral	3042 mg/kg rats
Acute Dermal Irritation	Mild irritation effect in guinea pigs.
Primary Eye Irritation	Not available
Sensitization	Not available

Octisalate

LD50 Oral	0.2 gm/kg mice IP
Acute Dermal Irritation	Mild irritation effect in rabbits.

Primary Eye Irritation	Not available
Sensitization	Not available

Octocrylene

LD50 Oral	>5 gm/kg
Acute Dermal Irritation	Not a skin irritant.
Primary Eye Irritation	Not available
Sensitization	Not a dermal sensitizer in guinea pigs.

Dimethicone

LD50 Oral	>14.0 gm/kg rats
Acute Dermal Irritation	Not available
Primary Eye Irritation	Not available
Sensitization	Not available

Allantoin

LD50 Oral	Not available
Acute Dermal Irritation	Not available
Primary Eye Irritation	Not available
Sensitization	Not available

Petrolatum

LD50 Oral	5 - 15 g/kg rats
Acute Dermal Irritation	Repeated skin contact induced changes at the cellular level in rabbits.
Primary Eye Irritation	Not available
Sensitization	Not a dermal sensitizer in guinea pigs.

Titanium Dioxide

LD50 Oral	> 10,000 mg/kg rat
Acute Dermal Irritation	No data available
Primary Eye Irritation	No data available
Sensitization	No data available

Multiple Dose Toxicity

Padimate

No Toxicologic Effect Dose/Species/Study Length:	In a 28-day oral study in rats, there was evidence of adverse effects in the testes, epididymus, spleen, and liver. These effects appeared to be reversible. The NOEL was reported as 100 mg/kg/day.

Octinoxate

No Toxicologic Effect Dose/Species/Study Length:	Not applicable

Oxybenzone

No Toxicologic Effect Dose/Species/Study Length:	In 28-day and 90-day rat studies, there was evidence of liver damage at the higher dose levels. A further oral rat study resulted in induced leukopenia with reduced hemoglobin levels and degenerative nephrosis in the kidneys.

Camphor

No Toxicologic Effect Dose/Species/Study Length:	Not applicable

Benzocaine

No Toxicologic Effect Dose/Species/Study Length:	No data available

Octisalate

No Toxicologic Effect	Not applicable
Dose/Species/Study Length:	

Octocrylene

No Toxicologic Effect	In a 90-day study in rats, there was evidence of liver damage marked by changes in organ weight and impaired liver function tests.
Dose/Species/Study Length:	

Dimethicone

No Toxicologic Effect	Not applicable
Dose/Species/Study Length:	

Allantoin

No Toxicologic Effect	Not applicable
Dose/Species/Study Length:	

Petrolatum

No Toxicologic Effect	Not applicable
Dose/Species/Study Length:	

Titanium Dioxide

No Toxicologic Effect	No data available
Dose/Species/Study Length:	

Maximum Tolerated Dose (MTD), Oral

Padimate

Carcinogenicity	No data available
Genetic Toxicity	AMES Test :Negative- Nonmutagenic
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Octinoxate

Carcinogenicity	No data available
Genetic Toxicity	Mutagenicity, photomutagenicity, and photoclastogenicity tests were reported to be negative.
Reproductive Toxicity	Studies in rats indicated unlikely to have adverse effects on the reproductive system.
Developmental Toxicity	Did not show teratogenic effects in animal studies.

Oxybenzone

Carcinogenicity	Studies in female mice and rabbits showed no evidence of Carcinogenicity.
Genetic Toxicity	Not mutagenic in AMES Test. Negative in the DNA damage and repair assay using E. coli.
Reproductive Toxicity	Studies in mice were found to exhibit only minimal effects on fertility and reproduction. Maternal toxicity and reduction in litter size occurred among pregnant mice fed with 2.5 - 5% Oxybenzone. The relevance of this data to the topical use during pregnancy in humans is unknown.
Developmental Toxicity	No data available

Camphor

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Benzocaine

Carcinogenicity	No data available

Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Octisalate

Carcinogenicity	No data available
Genetic Toxicity	Mutagenicity, photomutagenicity, and photoclastogenicity tests were reported to be negative.
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Octocrylene

Carcinogenicity	No data available
Genetic Toxicity	No evidence of mutagenicity was observed in a battery of *in vitro* and *in vivo* assays.
Reproductive Toxicity	See Developmental Toxicity.
Developmental Toxicity	No teratogenic effects were observed in rats or rabbits.

Dimethicone

Carcinogenicity	Some silicones have caused tumors when injected under the skin of experimental animals, but this route is not pertient for human occupational exposure.
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	Did not show teratogenic effects in rabbits.

Allantoin

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Petrolatum

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Titanium Dioxide

Carcinogenicity	No data available
Genetic Toxicity	No data available
Reproductive Toxicity	No data available
Developmental Toxicity	No data available

Padimate

Target Organ(s) of Toxicity	No data available

Octinoxate

Target Organ(s) of Toxicity	No data available

Oxybenzone

Target Organ(s) of Toxicity	No data available

Camphor

Target Organ(s) of Toxicity	No data available

Benzocaine

Target Organ(s) of Toxicity No data available

Octisalate
Target Organ(s) of Toxicity No data available

Octocrylene
Target Organ(s) of Toxicity No data available

Dimethicone
Target Organ(s) of Toxicity No data available

Allantoin
Target Organ(s) of Toxicity No data available

Petrolatum
Target Organ(s) of Toxicity No data available

Titanium Dioxide
Target Organ(s) of Toxicity No data available

12. ECOLOGICAL INFORMATION

The following effects are based on the Active Pharmaceutical Ingredient.

Chemical Fate Information Not available

Ecotoxicity Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Transport Information This material is not classified as hazardous for transport.

U.S. Department of Transport (DOT)	Not regulated
Canadian Transport of Dangerous Goods (TDG)	Not regulated
International Civil Aviation Organization (ICAO)	Not regulated
International Air Transport Association (IATA)	Not regulated
International Maritime Dangerous Goods (IMDG)/International Maritime Organization (IMO)	Not regulated
Transport of Dangerous Goods by Rail (RID)	Not regulated
Transport of Dangerous Goods by Road (ADR)	Not regulated
Transportation of Dangerous Goods via Inland Waterways (ADN)	Not regulated

15. REGULATORY INFORMATION

USA

Federal Regulations

OSHA Regulatory Status
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

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 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

This product does not contain any HAPs.

State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

Canada
Not Determined

WHMIS Hazard Class
Not determined

European Union
Not Determined

16. OTHER INFORMATION

Prepared By	Wyeth Department of Environment, Health & Safety
Format	This MSDS was prepared in accordance with ANSI Z400.1-2004.
List of References	See Patient Package Insert for more information.
Revision Summary	Changes to Section 1, 8, 11

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