

SAFETY DATA SHEET

1. Identification

Product identifier DENTURE ADHESIVE CREAM

Other means of identification

Synonyms

DENTURE FIXATIVE * POLIDENT DENTURE ADHESIVE * SUPER POLIGRIP ORIGINAL DENTURE ADHESIVE CREAM * POLIGRIP/COREGA DENTURE ADHESIVE CREAM * SUPER POLIGRIP LOW GANTREZ DENTURE ADHESIVE CREAM * MFC 50937 * MFC 50880 * MFC 50885 * MFC 50886 * ULTRA POLIGRIP REGULAR (CANADA) * FORMULA NUMBER IB1380 * ULTRA POLIGRIP, DENTURE ADHESIVE CREAM * ULTRA POLIGRIP DENTURE FIXATIVE * FORMULA IB1544 * POLIGRIP ULTRA FRESH, DENTURE ADHESIVE CREAM FIXATIVE * POLIGRIP TOTAL CARE (UK) * DENTURE ADHESIVE CREAM FIXATIVE * FORMULA IB1649 * COREGA FREE, DENTURE ADHESIVE CREAM * FORMULA IB1688 * COREGA FRESH, DENTURE ADHESIVE CREAM * COREGA FRESH DENTURE FIXATIVE * FORMULA IB1689 * COREGA CREAM, DENTURE ADHESIVE CREAM * COREGA CREAM DENTURE FIXATIVE * FORMULA IB1690 * POLIGRIP ULTRA FRESH, DENTURE ADHESIVE CREAM * POLIGRIP ULTRA FRESH DENTURE FIXATIVE * FORMULA IB1742 * DENTURE ADHESIVE CREAM DENTURE FIXATIVE * FORMULA IB1967 * POLIGRIP FRESH GEL, DENTURE ADHESIVE CREAM * POLIGRIP FRESH GEL DENTURE FIXATIVE * FORMULA IB2115 * PROJECT DOUBLE * DENTURE ADHESIVE FIXATIVE, FORMULATED PRODUCT

Recommended use

Cosmetic Product

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each ingredient.

Recommended restrictions

No other uses are advised.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

GlaxoSmithKline US

5 Moore Drive

Research Triangle Park, NC 27709 USA

US General Information (normal business hours): +1-888-825-5249

Email Address: msds@gsk.com

Website: www.gsk.com

EMERGENCY PHONE NUMBERS -

TRANSPORT EMERGENCIES::

US / International toll call +1 703 527 3887

available 24 hrs/7 days; multi-language response

2. Hazard(s) identification

Classified hazards

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Label elements

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Hazard(s) not otherwise classified (HNOC)

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
PHARMACEUTICAL GRADE PETROLATUM	PETROLEUM JELLY * VASELINE * WHITE PETROLEUM JELLY * WHITE PETROLEUM USP * PETROLATO (PETROLIO) * PETROLATUM * PRETOLATO * PÉTROLATUM * VASELIN	8009-03-8	25.0 - 30.0

Chemical name	Common name and synonyms	CAS number	%
LIGHT MINERAL OIL	OHS12791 * RTECS PY8047000	8042-47-5	15.0 - 30.0
SODIUM CARBOXYMETHYL CELLULOSE	CELLULOSE, CARBOXYMETHYL ETHER, SODIUM SALT * CELLULOSE SODIUM GLYCOLATE * SODIUM CELLULOSE GLYCOLATE * SODIUM GLYCOLATE CELLULOSE * CARBOXYMETHYLCELLULOSE SODIUM * CARBOXYMETHYLCELLULOSE SODIUM SALT * ALMELOSE * CMC-NA * CMC * CARBOXYMETHYL CELLULOSE * SODIUM CARBOXYMETHYLCELLULOSE * AQUALON(R) CELLULOSE GUM * AQUACIDE II * OHS80080 * RTECS FJ5950000 * CELLULOSE CARBOXY METHYL ETHER, SODIUM SALT	9004-32-4	0 - 34.0
GANTREZ-77 (DOUBLE SALT)	SODIUM, CALCIUM METHYL VINYL ETHER MALEIC ACID MIXED SALT * FORMULA NO: M801886	62386-95-2	10 - < 20
MALEIC ACID, POLYMER WITH METHYL VINYL ETHER	2-BUTENEDIOIC ACID (Z)-, POLYMER WITH METHOXYETHENE * METHYL VINYL ETHER/MALEIC ACID COPOLYMER * GANTREZ HY-H * OHS62348	25153-40-6	0 - 30.0
METHYL VINYL ETHER-MALEIC ANHYDRIDE COPOLYMER	2,5-FURANDIONE, POLYMER WITH METHOXYETHENE * MALEIC ANHYDRIDE, POLYMER WITH METHYL VINYL ETHER * POLY(VINYL METHYL ETHER/MALEIC ANHYDRIDE) * GAFTEX PT * GANTREZ 119 * GANTREZ 149 * GANTREZ 169 * PVM/MA COPOLYMER * VISCOFAS * OHS69586	9011-16-9	0 - 30.0
CARBOXYMETHYLCELLULOSE	CARBOXYMETHYLATED CELLULOSE PULP * CARBOXYMETHYL CELLULOSE ETHER * CELLULOSE CARBOXYMETHYLATE * CELLULOSEGLYCOLIC ACID * GLYCOLIC ACID CELLULOSE ETHER * CELLULOSE, CARBOXYMETHYL ETHER * CELLULOSE CARBOXYMETHYLATE ETHER * CMC * CARBOSE * CM-CELLULOSE * COLLORESINE * THYLOSE * CARBOXYMETHYL CELLULOSE * OHS84039 * RTECS FJ5700000	9000-11-7	0 - 24.0
OIL OF SPEARMINT	OILS, SPEARMINT * CURLED MINT OIL * SPEARMINT OIL	8008-79-5	0 - 1.0

Other components below reportable levels 0 - <7.0

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

In the event of fire, cool tanks with water spray. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Specific methods

Move containers from fire area if you can do so without risk.

General fire hazards

Assume that this product is capable of sustaining combustion.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Environmental precautions

Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat and sources of ignition. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

GSK

Components	Type	Value	Note
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)	OHC	1	
GANTREZ-77 (DOUBLE SALT) (CAS 62386-95-2)	OHC	1	1000-5000 mcg/m3

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
LIGHT MINERAL OIL (CAS 8042-47-5)	PEL	5 mg/m3	Mist.
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	PEL	5 mg/m3	Mist.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
LIGHT MINERAL OIL (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	TWA	5 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards
Components **Type**

		Value	Form
LIGHT MINERAL OIL (CAS 8042-47-5)	STEL	10 mg/m ³	Mist.
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)	TWA STEL	5 mg/m ³ 10 mg/m ³	Mist. Mist.
	TWA	5 mg/m ³	Mist.
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) 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 to an acceptable level.		
Individual protection measures, such as personal protective equipment			
Eye/face protection	Chemical goggles are recommended.		
Skin protection			
Hand protection	Use personal protective equipment as required.		
Other	Use personal protective equipment as required.		
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.		
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.		
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

Appearance

Physical state	Liquid.
Form	Cream.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.

Partition coefficient (n-octanol/water)	Not available.
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Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Not available.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)		
Acute		
<i>Oral</i>		
LD	Rat	> 5 g/kg
GANTREZ-77 (DOUBLE SALT) (CAS 62386-95-2)		
Acute		
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg/day Read across from similar polymers
LIGHT MINERAL OIL (CAS 8042-47-5)		
Acute		
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
OIL OF SPEARMINT (CAS 8008-79-5)		
Acute		
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)		
Acute		
<i>Oral</i>		
LD50	Rat	> 15 g/kg
Chronic		
<i>Oral</i>		
NOAEL	Rat	>= 3000 mg/kg, 2 years

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Irritation Corrosion - Skin

GANTREZ-77 (DOUBLE SALT)

0, Read across from similar polymers
Result: Non-irritant**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.**Eye**

GANTREZ-77 (DOUBLE SALT)

0, Read across from similar polymers
Result: Minimal Irritant**Respiratory or skin sensitization****Respiratory sensitization**

Not available.

Skin sensitization

This product is not expected to cause skin sensitization.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Mutagenicity

GANTREZ-77 (DOUBLE SALT)

0, Read across from similar polymers
Result: Not considered to be genotoxic**Carcinogenicity**

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

PHARMACEUTICAL GRADE PETROLATUM

>= 3000 mg/kg/day 2 year bioassay, oral administration
Result: NOAEL
Species: Rat
Dermal application
Result: Negative
Species: Mouse**IARC Monographs. Overall Evaluation of Carcinogenicity**

LIGHT MINERAL OIL (CAS 8042-47-5)

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure

Not classified.

Specific target organ toxicity - repeated exposure

Not classified.

Aspiration hazard

Not likely, due to the form of the product.

Chronic effects

Prolonged inhalation may be harmful.

12. Ecological information**Ecotoxicity**

The product is 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.

Components	Species	Test Results
CARBOXYMETHYLCELLULOSE (CAS 9000-11-7)		
Acute	IC50	Activated sludge
Crustacea		
Acute	EC50	Water flea (Daphnia magna)
Crustacea	NOEC	Water flea (Daphnia magna)
Fish	EC50	Rainbow trout (Adult Oncorhynchus mykiss)
SODIUM CARBOXYMETHYL CELLULOSE (CAS 9004-32-4)		
Acute	IC50	Activated sludge
Crustacea		
Acute	EC50	Water flea (Daphnia magna)
Crustacea	NOEC	Water flea (Daphnia magna)

Components	Species	Test Results
Fish	EC50 Rainbow trout (Adult Oncorhynchus mykiss)	> 20000 mg/l, 96 hours Static test
* Estimates for product may be based on additional component data not shown.		
Persistence and degradability No data is available on the degradability of this product.		
Photolysis		
Half-life (Photolysis-atmospheric)		
LIGHT MINERAL OIL < 1 Days Estimated		
Biodegradability		
Percent degradation (Aerobic biodegradation-inherent)		
CARBOXYMETHYLCELLULOSE 7 %, 28 days Zahn-Wellens, Activated sludge		
SODIUM CARBOXYMETHYL CELLULOSE 7 %, 28 days Zahn-Wellens, Activated sludge		
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Other adverse effects	Not available.	

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT	Not regulated as a dangerous good.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	MARPOL Annex II applies to liquids used in a ship's operation that pose a threat to the marine environment. These materials may not be transported in bulk.

15. Regulatory information

US federal regulations	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
SARA 304 Emergency release notification	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

- Immediate Hazard - Yes
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical**SARA 313 (TRI reporting)**

Not regulated.

Other federal regulations**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.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

US. Massachusetts RTK - Substance List

LIGHT MINERAL OIL (CAS 8042-47-5)

PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

LIGHT MINERAL OIL (CAS 8042-47-5)

PHARMACEUTICAL GRADE PETROLATUM (CAS 8009-03-8)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 12-01-2014

Revision date	12-01-2014
Version #	06
Further information	HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings	Health: 2 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 0 Instability: 0
References	GSK Hazard Determination
Disclaimer	The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the suitability of the material or product for any particular purpose.
Revision Information	Product and Company Identification: Synonyms