

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071336049

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071335991



# SAFETY DATA SHEET

Issuing Date: 03-Sep-2014

Revision Date: 03-Sep-2014

Version 1

according to Regulation (EC) No. 1907/2006

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

### 1.1 Product identifier

**Product ID:** RD64906009\_EU

**Product Name** Bulk OB SuperFloss 10 ea Mnt B

**Synonyms** Dental Floss Coating for Bulk OB SuperFloss 10 ea Mnt B  
Dental Floss Coating for Bulk OB SuperFloss 50 ea Mnt B (RD64906011\_EU)

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Intermediate.

**Uses advised against** No information available.

### 1.3 Details of the supplier of the safety data sheet

#### **Manufacturer**

P&G Manufacturing Ireland Ltd.  
Green Road, Newbridge, Co Kildare, Ireland

For further information, please contact: [pgsds.im@pg.com](mailto:pgsds.im@pg.com)

### 1.4 Emergency Telephone Number

CHEMTREC: +(41) 22 58 004 8213 (day phone); In-country: +(44)-870-8200418 (UK); +(46)-852503403 (Sweden); 0800-181-7059 (Germany toll free); +(36)-18088425 (Hungary); +(33)-975181407 (France); +(31)-858880596 (Netherlands); 900-868538 (Spain toll-free); 800-789-767 (Italy toll-free); +(48)-223988029 (Poland toll-free); +(420)-228880039 (Czech Republic); +1-703-527-3887 (U.S.)

## 2. HAZARDS IDENTIFICATION

This SDS is written according to the requirements stated in REACH Regulation (EC) No. 1907/2006 (in particular as amended by Regulation (EU) No. 453/2010 with respect to SDSs)

### 2.1 Classification of the substance or mixture

For the full text of the R-phrases mentioned in this Section, see Section 16

**R43 - R52/53**

**May cause sensitization by skin contact**

**Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment**

### 2.2 Label elements



### Classification

**Xi - Irritant**

### R-phrases(s)

**R43 - May cause sensitization by skin contact**

**R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment**

### S-phrases(s)

**S24 - Avoid contact with skin**

**S37 - Wear suitable gloves**

Contains trans-p-Menthan-3-one, Carvone

### 2.3 Other hazards

#### General hazards

No information available

#### Additional information

For the full text of the R-phrases mentioned in this Section, see Section 16

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Classification according to EU Directives 67/548/EEC or 1999/45/EC

### 3.1 Substances

### 3.2 Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification according to 67/548/EEC	GHS / CLP Classification	REACH Registration No	Component Information
Menthol	201-939-0	89-78-1	5 - 10	Xi;R38	Skin Irrit. 2(H315) Eye Irrit. 2(H319)	no data available	
Carvone	202-759-5	99-49-0	1 - 5	Xi;R43	Skin Sens. 1B(H317)	no data available	
2-Propenoic acid, reaction products with pentaerythritol	-	1245638-61-2	1 - 5	Xn;R22 Xi;R38 Xi;R41 Xi;R43 N;R51/53	Acute Tox. 4(H302) Skin Irrit. 2(H315) Eye Dam. 1(H318) Skin Sens. 1(H317) Aquatic Chronic 2(H411)	01-21194900 03-49	
trans-p-Menthan-3-one	201-941-1	89-80-5	1 - 5	Xi;R38 Xi;R43	Skin Irrit. 2(H315) Skin Sens. 1B(H317)	no data available	
Benzophenone	204-337-6	119-61-9	< 1	Xn;R48/22 N;R51/53	STOT RE 2(H373) Aquatic Chronic 2(H411)	no data available	

trans-Anethole	224-052-0	4180-23-8	< 1	Xi;R43 N;R51/53	Skin Sens. 1B(H317)	no data available	
Limonene	227-813-5	5989-27-5	< 1	R10 Xi;R38 Xi;R43 N;R50/53 Xn;R65	Flam. Liq. 3(H226) Asp. Tox. 1(H304) Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)	no data available	
d-.alpha.-Pinene	232-087-8	7785-70-8	< 1	R10 Xi;R38 Xi;R43 N;R50/53 Xn;R65	Flam. Liq. 3(H226) Asp. Tox. 1(H304) Skin Irrit. 2(H315) Skin Sens. 1B(H317) Aquatic Acute 1(H400) Aquatic Chronic 1(H410)	no data available	

For the full text of the R-phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first-aid measures

<b>General advice</b>	Immediate medical attention is not required. When symptoms persist or in all cases of doubt seek medical advice.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. May cause an allergic skin reaction. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors.
<b>Protection of first-aiders</b>	Use personal protective equipment.

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Main Symptoms</b>	May cause eye irritation Asthma-like and/ or skin allergy-like symptoms Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
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### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. If using water or foam, prevent product and runoff from entering drains, sewers or surface water due to high toxicity to aquatic organisms.

**Extinguishing media which shall not be used for safety reasons** No information available.

## **5.2 Special hazards arising from the substance or mixture**

**Special hazard** Runoff may pollute waterways.

## **5.3 Advice 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**

## **6.1 Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

**Advice for emergency responders** Use personal protective equipment.

## **6.2 Environmental precautions**

Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained. Try to prevent the material from entering drains or water courses.

## **6.3 Methods and materials for containment and cleaning up**

### **Methods for containment**

Prevent further leakage or spillage if safe to do so. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

### **Methods for cleaning up**

Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## **6.4 Reference to other sections**

Not applicable.

# **7. HANDLING AND STORAGE**

## **7.1 Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice.

## **7.2 Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place  
Ensure that leaks or spills cannot reach drains, sewers or surface waters

## **7.3 Specific end uses**

### **Specific use(s)**

Intermediate.

**Exposure scenario**

No information available.

**Other Guidelines**

No information available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Exposure Guidelines**

No information available.

Chemical Name	Estonia	European Union	Finland	France	Germany
Limonene	STEL: 50 ppm STEL: 300 mg/m <sup>3</sup> TWA: 25 ppm TWA: 150 mg/m <sup>3</sup>	-	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 50 ppm STEL: 280 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m <sup>3</sup> Skin
d- $\alpha$ -Pinene	-	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-
Chemical Name	Norway	Poland	Portugal	Romania	Slovakia
Limonene	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup>	-	-	-	-
Chemical Name	Switzerland		The Netherlands		The United Kingdom
Limonene	STEL: 14 ppm STEL: 80 mg/m <sup>3</sup> TWA: 7 ppm TWA: 40 mg/m <sup>3</sup>		-		-

Chemical Name	EC-No	Acute Systemic Effect - Skin Contact	Acute Systemic Effect - Inhalation	Acute Local Effect - Skin Contact	Acute Local Effect - Inhalation
2-Propenoic acid, reaction products with pentaerythritol	-	1.04 mg/kg bw/day	7.35 mg/m <sup>3</sup>		
Benzophenone	204-337-6				

Chemical Name	EC-No	Long-term Systemic Effect - Skin Contact	Long-term Systemic Effect - Inhalation	Long-term Local Effect - Skin Contact	Long-term Local Effect - Inhalation
Benzophenone	204-337-6	0.1 mg/kg bw/day	0.7 mg/m <sup>3</sup>		

Chemical Name	EC-No	Acute Effect Local - Oral	Acute Effect Local - Inhalation	Acute Effect Local - Dermal
Benzophenone	204-337-6			

Chemical Name	EC-No	Acute Effect Systemic - Oral	Acute Effect Systemic - Inhalation	Acute Effect Systemic - Dermal
Benzophenone	204-337-6			

Chemical Name	EC-No	Chronic Effect Local - Oral	Chronic Effect Local - Inhalation	Chronic Effect Local - Dermal
Benzophenone	204-337-6			

Chemical Name	EC-No	Chronic Effect Systemic - Oral	Chronic Effect Systemic - Inhalation	Chronic Effect Systemic - Dermal
Benzophenone	204-337-6	0.05 mg/kg bw/day	0.17 mg/m <sup>3</sup>	0.1 mg/kg bw/day

Chemical Name	EC-No	Fresh Water	Marine sediment	Intermittent Releases
2-Propenoic acid, reaction products with pentaerythritol		0.0032 mg/L	0.00032 mg/L	0.032 mg/L

Benzophenone	204-337-6	0.02 mg/L	0.002 mg/L	0.035 mg/L		
Chemical Name	EC-No	Sediment (freshwater)	Sediment (marine)	STP	Soil	air
2-Propenoic acid, reaction products with pentaerythritol				10 mg/L		
Benzophenone	204-337-6	1.1 mg/kg sediment dw	0.11 mg/kg sediment dw	3.16 mg/L	0.31 mg/kg soil dw	

**8.2 Exposure controls****Engineering Measures**

Ensure that eyewash stations and safety showers are close to the workstation location.  
Ensure adequate ventilation.

**Personal protective equipment****Eye Protection**

Safety glasses with side-shields

**Hand Protection**

Rubber/latex/neoprene or other suitable chemical resistant gloves  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion

**Skin and Body Protection**

Wear protective gloves/clothing  
Long sleeved clothing

**Respiratory Protection**

No special protective equipment required  
Maintain adequate ventilation

**Thermal hazards**

Not applicable.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls**

See section 6 for more information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

**Appearance** clear, yellow, green  
**Physical State @20°C** liquid  
**Odor** Mint-like

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH	7.7 - 8.4	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	Not Applicable	
Evaporation rate	No information available	
flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific gravity	No information available	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	

<b>Decomposition temperature</b>	No information available
<b>Viscosity of Product</b>	No information available
<b>Explosive properties</b>	Not explosive
<b>Oxidizing properties</b>	Not applicable

**9.2 Other information**

**VOC Content (%)** No information available

**Partition coefficient: n-octanol/water** No information available

Chemical Name	Partition Coefficient (n-octanol/water)
2-Propenoic acid, reaction products with pentaerythritol	1.45
Benzophenone	3.1471 (Estimated by calculation. KOWWIN v.)

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity**

None under normal use conditions.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions****Hazardous Reactions**

None under normal processing

**Hazardous polymerization**

Hazardous polymerization does not occur.

**10.4 Conditions to Avoid**

Keep away from open flames, hot surfaces and sources of ignition.

**10.5 Incompatible Materials**

Strong acids. Strong bases. Strong oxidizing agents. Strong reducing agents.

**10.6 Hazardous Decomposition Products**

None under normal use.

## 11. TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects**

**Acute toxicity** Product does not present an acute toxicity hazard based on known or supplied information.

**Product Information**

**Principle routes of exposure** Skin contact.

<b>Inhalation</b>	No known effect based on information supplied.
<b>Eye contact</b>	No known effect based on information supplied.
<b>Skin contact</b>	May cause sensitization by skin contact. Symptoms may be delayed.
<b>Ingestion</b>	No known effect based on information supplied.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation	NOAEL Oral Value
Carvone	1600 mg/kg	-	-	



2-Propenoic acid, reaction products with pentaerythritol	420 mg/kg bw (Similar to OECD 401; standard acute method; rat)	> 2000 mg/kg bw (Similar to OECD 402; standard acute method; occlusive; rabbit)	-	
Benzophenone	2895 mg/kg bw (OECD 401; mouse)	3535 mg/kg bw (rabbit)	-	

Chronic Toxicity**Product Information**

<b>Corrosivity</b>	No known effect
<b>Serious eye damage/eye irritation</b>	No known effect
<b>Sensitization</b>	May cause sensitization by skin contact
<b>Skin sensitization</b>	No known effect
<b>Respiratory sensitization</b>	No known effect
<b>Neurological Effects</b>	No known effect
<b>Germ cell mutagenicity</b>	No known effect
<b>Reproductive toxicity</b>	No known effect
<b>Developmental toxicity</b>	No known effect
<b>Teratogenicity</b>	No known effect
<b>STOT - single exposure</b>	No known effect
<b>STOT - repeated exposure</b>	No known effect
<b>Carcinogenicity</b>	Contains no ingredients above reportable quantities listed as a carcinogen.

Chemical Name	IARC	European Union	The United Kingdom
Benzophenone	Group 2B	-	-
Limonene	Group 2A	-	-
<b>Chemical Name</b>	EU - Endocrine Disruptors Candidate List EU - Endocrine Disruptors - Evaluated Substances		
Benzophenone	Group III Chemical		

**12. ECOLOGICAL INFORMATION****12.1 Toxicity****Ecotoxicity effects**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Acute toxicity**

Chemical Name	CAS-No	Toxicity to fish	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to Microorganisms	Toxicity to other organisms
2-Propenoic acid, reaction products with pentaerythritol	1245638-61-2	-	12 mg/L (Guideline: OECD 201, EU Method C.3 and ISO 8692; Selenastrum capricornutum; static; freshwater; 96 hrs; growth rate)	13 mg/L (OECD 202, EU Method C.2 and ISO 6341 15; Daphnia magna; static; freshwater)	EC50: > 100 mg/L (OECD 209EU, EU Method C.1 and ISO 8192; activated sludge of a predominantly domestic sewage; static; freshwater; 3 h; loading rate; based on respiration rate)	-
Benzophenone	119-61-9	14.2 mg/L (OECD 203; Pimephales promelas)	3.5 mg/L (OECD 201; Pseudokirchnerella subcapitata; static)	6.784 mg/L (OECD 202; Daphnia magna; semi-static)	787 mg/L (OECD 209; activated sludge of a predominantly domestic sewage; static)	-

**Chronic Toxicity**

Chemical Name	CAS-No	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates	Toxicity to Microorganisms	Toxicity to other organisms
2-Propenoic acid, reaction products with pentaerythritol	1245638-61-2	0.31 mg/L (Guideline: OECD 201, EU Method C.3 and ISO 8692; Selenastrum capricornutum; static; freshwater; 96 hrs)				
Benzophenone	119-61-9	1 mg/L (OECD 201; Pseudokirchnerella subcapitata; static)	2.1 mg/L (guideline: EPA/600/4-89-001; Pimephales promelas; flow-through; 7 d; based on active ingredient)	0.2 mg/L (OECD 211; Daphnia magna)	31.6 mg/L (OECD 209; activated sludge of a predominantly domestic sewage; static)	

**12.2 Persistence and degradability**

No information available.

Chemical Name	Ready Test Results	Persistence and degradability
2-Propenoic acid, reaction products with pentaerythritol	6 % (OECD 301 B, EU Method C.4-C and ISO DIS 9439; aerobic; activated sludge; non adapted; CO2 evolution)	
Benzophenone	0% (OECD 301 C; activated sludge; 14 d)	

**12.3 Bioaccumulative potential**

No information available.

Chemical Name	Bioconcentration factor (BCF)
2-Propenoic acid, reaction products with pentaerythritol	15
Benzophenone	12 (Hazardous Substances Databank; Oryzias latipes )

**12.4 Mobility in soil**

Chemical Name	KOC Values
2-Propenoic acid, reaction products with pentaerythritol	64.5654229 (OECD 121, EU Method C.19 and similar to OECD 117; HPLC estimation method; adsorption; for pentaerythritol triacrylate; converted Log Koc value to Koc value)
Benzophenone	517 (Hazardous Substances Data Bank)

**12.5 Results of PBT and vPvB assessment****PBT and vPvB assessment**

The components in this formulation do not meet the criteria for classification as PBT or vPvB

**12.6 Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Waste from Residues / Unused Products**

Dispose of in accordance with local regulations

**Waste treatment methods**

The waste codes/waste designations below are in accordance with EWC. Waste code product: 16 05 06\*. Waste name: laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals. Waste code packaging: 15 01 10\*. Waste name: packaging containing residues of or contaminated by dangerous substances. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. For handling waste, see measures described in section 8. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

**13.2 Additional information**

No information available.

**14. TRANSPORT INFORMATION****IMDG**

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Marine pollutant</b>	Not applicable
<b>14.6 Special Provisions</b>	None
<b>14.7 EmS-No</b>	No information available
<b>14.8 Description</b>	No information available

**IATA**

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 ERG Code</b>	No information available
<b>14.6 Special Provisions</b>	None
<b>14.7 Description</b>	No information available

**ICAO**

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Special Provisions</b>	None
<b>14.6 Description</b>	No information available

**ADR**

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Classification code</b>	No information available
<b>14.6 HI No.</b>	No information available
<b>14.7 Special Provisions</b>	None
<b>14.8 Description</b>	No information available
<b>14.9 ADR/RID-Labels</b>	No information available
<b>14.10 Subsidiary class</b>	No information available

**RID**

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated

<b>14.5 Classification code</b>	No information available
<b>14.6 Special Provisions</b>	None
<b>14.7 Description</b>	No information available
<b>14.8 ADR/RID-Labels</b>	No information available

**ADN**

<b>14.1 UN/ID no</b>	Not regulated
<b>14.2 Proper shipping name</b>	Not regulated
<b>14.3 Hazard Class</b>	Not regulated
<b>14.4 Packing Group</b>	Not regulated
<b>14.5 Classification code</b>	No information available
<b>14.6 Special Provisions</b>	None
<b>14.7 Description</b>	No information available
<b>14.8 Hazard Labels</b>	No information available
<b>14.9 Limited quantity</b>	No information available
<b>14.10 Transport category</b>	No information available
<b>14.11 Ventilation</b>	No information available
<b>14.12 Equipment Requirements</b>	No information available
<b>14.13 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

## 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Eu**

No information available

**National regulatory information**

No information available

**WGK Classification (VwVwS)**      WGK 1  
**International Inventories**

**EINECS/ELINCS**      Listed

**Legend**

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**15.2 Chemical Safety Assessment**

No information available

## 16. OTHER INFORMATION

**16.1 Reason for revision**

**Issuing Date:**      03-Sep-2014  
**Revision Date:**      03-Sep-2014  
**Revision Note**      Initial Release.

**16.5 Full text of R-phrases referred to under sections 2 and 3****Risk Combination Phrases**

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
 R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed  
 R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
 R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Full text of R-phrases referred to under sections 2 and 3**

R22 - Harmful if swallowed  
R38 - Irritating to skin  
R43 - May cause sensitization by skin contact  
R10 - Flammable  
R65 - Harmful: may cause lung damage if swallowed

**Full text of H-Statements referred to under sections 2 and 3**

H226 - Flammable liquid and vapor  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H373 - May cause damage to organs through prolonged or repeated exposure if inhaled  
H400 - Very toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects

**16.6 Training Advice**

No information available.

**16.7 Further information****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 a 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 SDS**

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# SAFETY DATA SHEET



Issuing Date: 21-Sep-2016

Revision Date: 21-Sep-2016

Version 1

This Safety Data Sheet (SDS) is not required under local legislation, implementing the UN Globally Harmonized System (GHS). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product

## 1. IDENTIFICATION

<b>Product Name</b>	Crest Pro Health Clean Mint
<b>Product Identifier</b>	90741461_PROF_NG
<b>Product Type:</b>	Finished Product - Consumer (Retail) and Professional Use
<b>Recommended Use</b>	Health Care.
<b>Details of the supplier of the safety data sheet</b>	<p>The Procter &amp; Gamble Company Sharon Woods Innovation Center 11510 Reed Hartman Highway Cincinnati OH 45241 +1 513 626-2500</p> <p>Procter &amp; Gamble Inc. P.O. Box 355, Station A Toronto, ON M5W 1C5 Professional Products: 1-800-465-2945; Retail Products: 1-800-465-2945</p>
<b>E-mail Address</b>	pgsds.im@pg.com
<b>Emergency Telephone</b>	<p>Transportation (24 HR) CHEMTREC - 1-800-424-9300 (U.S./ Canada) or 1-703-527-3887 Mexico toll free in country: 800-681-9531</p>

## 2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

<b>Eye Damage / Irritation</b>	Category 2B
<b>Signal Word</b>	WARNING
<b>Hazard Statements</b>	Causes eye irritation
<b>Hazard pictograms</b>	
<b>Precautionary Statements</b>	Wash hands thoroughly after handling
<b>Precautionary Statements - Response</b>	<p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention</p>
<b>Precautionary Statements - Storage</b>	None

Precautionary Statements - DisposalNone

Hazards not otherwise classified (HNOC) None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
Silica gel, pptd., cryst.-free	Silica gel, pptd., cryst.-free	No	112926-00-8	15 - 20
Mentha Viridis Leaf Oil	Spearmint Oil	No	8008-79-5	0.1 - 1.0
Mentha Arvensis Leaf Oil	Mentha Arvensis Oil	No	68917-18-0	0.1 - 1.0
Carvone	L-Carvone	No	6485-40-1	0.1 - 1.0

Active pharmaceutical ingredient

Chemical Name	Synonyms	CAS-No	Weight %
Tin fluoride (SnF <sub>2</sub> )	Tin fluoride (SnF <sub>2</sub> )	7783-47-3	0.454
Menthol	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1R,2S,5R)-rel-	89-78-1	0.0124247

### 4. FIRST AID MEASURES

First aid measures for different exposure routes

<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin contact</b>	None under normal use.
<b>Ingestion</b>	Not an expected route of exposure. If swallowed: Clean mouth with water and afterwards drink plenty of water.
<b>Inhalation</b>	None under normal use.
<b>Most important symptoms/effects, acute and delayed</b>	May cause eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

**Notes to Physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	None.
<b>Special hazard</b>	None known.
<b>Special protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical None.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** None under normal use conditions.

**Advice for emergency responders** Use personal protective equipment as required.

### Methods and materials for containment and cleaning up

**Methods for containment** No information available.

**Methods for cleaning up** No information available.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
Silica gel, pptd., cryst.-free	112926-00-8		(vacated) TWA: 6 mg/m <sup>3</sup> TWA: 20 mppcf : (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA	Mexico: TWA 10 mg/m <sup>3</sup>

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Silica gel, pptd., cryst.-free	112926-00-8		TWA: 6 mg/m <sup>3</sup>		TWA: 4 mg/m <sup>3</sup> TWA: 1.5 mg/m <sup>3</sup>

No relevant exposure guidelines for other ingredients

### Exposure controls

**Engineering Measures** No information available

### Personal Protective Equipment

#### **Eye Protection**

#### **Manufacturing Sites:**

Wear safety glasses with side shields (or goggles)

#### **Distribution, Workplace and Household Settings:**

No special protective equipment required

#### **Hand Protection**

No special protective equipment required

#### **Skin and Body Protection**

No special protective equipment required



**Respiratory Protection** No special protective equipment required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State @20°C**

**Appearance**

**Odor**

**Odor threshold**

Solid

light blue green paste free from visible contamination

characteristic, Spearmint

No information available

Property

Values

Note

**pH value**

5.50 - 7.0

10% aqueous solution

**Melting/freezing point**

No information available

**Boiling point/boiling range**

No information available

**Flash point**

No information available

**Evaporation rate**

No information available

**Flammability (solid, gas)**

No information available

**Flammability Limits in Air**

**Upper flammability limit**

No information available

**Lower Flammability Limit**

No information available

**Vapor pressure**

No information available

**Vapor density**

No information available

**Relative density**

1.28-1.32 g/ML

**Water solubility**

No information available

**Partition coefficient: n-octanol/water** No information available

**Autoignition temperature**

No information available

**Decomposition temperature**

No information available

**Viscosity of Product**

No information available

**VOC Content (%)**

Products comply with US state and federal regulations for VOC content in consumer products.

## 10. STABILITY AND REACTIVITY

**Reactivity**

None under normal use conditions.

**Stability**

Stable under normal conditions.

**Hazardous polymerization**

Hazardous polymerization does not occur.

**Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

None under normal processing.

**Materials to avoid**

None in particular.

**Hazardous Decomposition Products** None under normal use conditions.

## 11. TOXICOLOGICAL INFORMATION

Product Information

**Information on likely routes of exposure**

**Inhalation**

No known effect.

**Skin contact**

No known effect.

**Ingestion**

No known effect.

**Eye contact**

Avoid contact with eyes. Irritating to eyes.

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

**Acute toxicity**

No known effect.

**Skin corrosion/irritation**

No known effect.

**Serious eye damage/eye irritation**

Irritating to eyes.

**Skin sensitization**

No known effect.

Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	No known effect.
Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

**Component Information**

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Mentha Arvensis Leaf Oil	68917-18-0	1240 mg/kg (rat)	-	-

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not expected to be hazardous to the environment.

<b>Persistence and degradability</b>	Product is biodegradable.
<b>Bioaccumulative potential</b>	Bioaccumulation is unlikely.
<b>Mobility</b>	Is not likely mobile in the environment.
<b>Other adverse effects</b>	No information available.

**13. DISPOSAL CONSIDERATIONS****Waste treatment**

<b>Waste from Residues / Unused Products</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>California Hazardous Waste Codes (non-household setting)</b>	331

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>IMDG</b>	Not regulated
<b>IATA</b>	Not regulated

**15. REGULATORY INFORMATION****U.S. Federal Regulations****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

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):.

Chemical Name	CAS-No	Hazardous Substances RQs	Extremely Hazardous Substances RQs	CERCLA/SARA 302 TPQ
Sodium hydroxide	1310-73-2	1000 lb	-	

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):.

Chemical Name	CAS-No	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	1310-73-2	1000 lb	-	-	X

**California Proposition 65**

This product is not subject to warning labeling under California Proposition 65.

**U.S. State Regulations (RTK)**

Chemical Name	CAS-No	New Jersey
Silica gel, pptd., cryst.-free	112926-00-8	X

Chemical Name	CAS-No	Massachusetts
Silica gel, pptd., cryst.-free	112926-00-8	X
Carrageenan	9000-07-1	X

Chemical Name	CAS-No	Pennsylvania
Silica gel, pptd., cryst.-free	112926-00-8	X
Carrageenan	9000-07-1	X
Titanium oxide (TiO <sub>2</sub> )	13463-67-7	X
Sodium hydroxide	1310-73-2	X

**International Inventories****United States**

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada**

This product is in compliance with CEPA for import by P&G.

**Legend**

United States Toxic Substances Control Act Section 8(b) Inventory (TSCA)

**CEPA** - Canadian Environmental Protection Act

<b>16. OTHER INFORMATION</b>
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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 a 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 SDS**