

SAFETY DATA SHEET



Issuing Date 18-Apr-2019

Revision date 18-Apr-2019

Version 1

According to Regulation (EC) No. 1907/2006 (REACH) and its latest amendment

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

1.1 Product identifier

Product Identifier 62794059_BULK_CLP_EUR
Product Name COAT 52 FLOSS COATING SUPERFLOSS
Synonyms 91933820, 91933832

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

Recommended use Intermediate
Product Category Unpackaged Bulk Product. This Safety Data Sheet must not be used for Packaged Consumer Product.

1.3 Details of the supplier of the safety data sheet

P&G Manufacturing Ireland Ltd.
Green Road, Newbridge, Co Kildare, Ireland
+353 45 437 200

For further information, please contact: pgsds.im@pg.com

1.4 Emergency Telephone Number

Emergency Telephone EUROPE: CONTACT CHEMTREC (24 hr) +(41) 22 58 004 8213 (day phone); BELGIUM: Centre Antipoison/ Antigifcentrum: 070/245.245 BENELUX FR: Centre Antipoison 070/245.245, Chemtrec: +(32)-28083237; BULGARIA: +359 2 9154 409; CZECH REPUBLIC: Chemtrec +(420)-228880039; DENMARK: Alarmcentralen, telefon 112 (Giftlinjen: 82 12 12 12); ESTONIA: 16662; FINLAND: Myrkytystietokeskus, Puhelin 09-471 977; FRANCE: Chemtrec +(33)-975181407; N° d'appel d'urgence Orfila : 01 45 42 59 59; GERMANY: Chemtrec 0800-181-7059; +49 (0) 6131-232466 (24h); GREECE: Τηλ. Κέντρου Δηλητηριάσεων: 210-7793777; HUNGARY: Chemtrec +(36)-18088425; 06 80 20 11 99; IRELAND: 1800 509 497; ITALY: Chemtrec 800-789-767; Numero di emergenza: 06 50971; LATVIA: Ārkārtas situācijās zvanīt uz Saindēšanās informācijas centru - tel. 67042473; LITHUANIA: (8 5) 236 20 52; NETHERLANDS: Chemtrec +(31)-858880596; Nationaal Vergiftigen Informatie Centrum: Tel. 030 - 2748888 (Uitsluitend voor een behandelde arts bereikbaar in geval van accidentele vergiftigen); NORWAY: Nødnnummer: 113 (Giftinformasjonssentralen, telefon 22 59 13 00) POLAND: Chemtrec +(48)-223988029; tel. alarmowy 112 lub 801 25 88 25 (poniedziałek – piątek, godz. 8:30 -17); PORTUGAL: Tel. emergência CIAV: 808 250 143; RUSSIA Chemtrec 8-800-100-6346; ROMANIA: 021 3183606 SLOVAKIA: Toxikologické informačné centrum +421 2 5477 4166; SPAIN: Chemtrec 900-868538; 91. 722. 21.00; SWEDEN: Chemtrec +(46)-852503403; Giftinformationscentralen, telefon 112.; SWITZERLAND: 145 (24h); TURKEY: 0 800 261 63 65 – 0 216 463 80 00 (Mesai günleri saat 09.00 ile 17.00)

arasında ulaşabilirsiniz.) Ulusal Zehir Merkezi: 114; UK: Chemtrec +(44)-870-8200418;
0800 328 8304

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

GHS / CLP - Regulation (EC) No 1272/2008

Corrosive to metals Category 1 - (H290)

Full text of H-Statements referred to under section 16

2.2 Label elements

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Hazard pictograms



Signal Word WARNING

Hazard statements H290 - May be corrosive to metals

Precautionary Statements P234 - Keep only in original packaging
P390 - Absorb spillage to prevent material damage
P234 - Keep only in original container
P406 - Store in corrosion resistant container with a resistant inner liner

2.3 Other hazards

Other hazards None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical name	CAS No.	EC-No	REACH Registration No	Weight-%	GHS / CLP Classification 1272/2008 [CLP]	M-Factor (acute)	M-Factor (chronic)
2-Propenoic acid, 2-hydroxyethyl ester, polymer with 1,1'-methylenebis[4-isocyanatocyclohexane] and 2-oxepanone	52404-33-8			> 50	NC		
Benzophenone	119-61-9	204-337-6		1 - 3	STOT RE 2(H373) Aquatic Chronic 2(H411)		
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8		0.1 - 1	Repr. 2(H361f)		

ne oxide							
Triphenylstibine	603-36-1	210-037-6		<=0.1	NC		

Full text of H-Statements referred to under section 16

4. FIRST AID MEASURES

4.1 Description of first-aid measures

Skin contact	IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	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.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Main Symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Refer to section 4.1

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Dry chemical. Alcohol resistant foam. Carbon dioxide (CO₂).

Extinguishing Media Which Must Not Be Used For Safety Reasons No information available.

5.2 Special hazards arising from the substance or mixture

Special hazard Containers may explode when heated. Keep containers and surroundings cool with water spray.

5.3 Advice for firefighters

Special protective equipment for fire-fighters Dike fire-control water for later disposal. Fight fire with normal precautions from a reasonable distance.

Protective equipment and precautions for firefighters Do not allow run-off from fire-fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Wear personal protective clothing (see section 8).

Advice for emergency responders In the case of vapor formation use a respirator with an approved filter.

6.2 Environmental precautions

Environmental precautions Keep out of drains, sewers, ditches and waterways.

6.3 Methods and materials for containment and cleaning up

Methods for containment Contain spill. The product should not be allowed to enter drains, water courses or the soil.

Methods for cleaning up 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

Other information Refer to protective measures listed in Sections 7 and 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling **Manufacturing Sites:** . Clean up spill immediately. Do not allow to enter into surface water or drains. Empty containers should be taken for local recycling, recovery or waste disposal. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Conditions Keep only in the original container. Store in corrosive resistant container. Storage in aluminum, unlined carbon steel or 304 stainless steel is not recommended. Do not store in copper, zinc, aluminum, copper alloy, zinc alloy or aluminum alloy containers.

Incompatible materials Metals. May be corrosive to metals.

Incompatible products Metals May be corrosive to metals

Requirements for storage rooms and containers Not applicable

7.3 Specific end uses

Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Guidelines No information available.

Recommended monitoring procedures Not available

Derived No Effect Level (DNEL)**Workers**

Chemical name	Worker - dermal, long-term - systemic	Worker - inhalative, long-term - systemic	Worker - dermal, long-term - local	Worker - inhalative, long-term - local
Benzophenone	0.1 mg/kg bw/day	0.7 mg/m ³		
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	1 mg/kg bw/day	3.5 mg/m ³		

Consumers

Chemical name	Consumer - oral, long-term - systemic	Consumer - inhalative, long-term - systemic	Consumer - dermal, long-term - systemic
Benzophenone	0.05 mg/kg bw/day	0.17 mg/m ³	0.1 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

Chemical name	Fresh Water	Marine water	Intermittent release
Benzophenone	0.02 mg/L	0.002 mg/L	0.035 mg/L
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	0.00353 mg/L	0.000353 mg/L	0.0353 mg/L

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment plant	Soil	air	Oral
Benzophenone	1.1 mg/kg sediment dw	0.11 mg/kg sediment dw	3.16 mg/L	0.31 mg/kg soil dw		
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	0.29 mg/kg sediment dw	0.029 mg/kg sediment dw		0.0557 mg/kg soil dw		

8.2 Exposure controls

Appropriate engineering controls No information available

Personal protective equipment**Hand Protection**

Manufacturing Sites: . Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC 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.

Eye Protection

Manufacturing Sites: . Tight sealing safety goggles. If splashes are likely to occur, wear: . Wear suitable face shield.

Skin and Body Protection

Manufacturing Sites: . Wear protective gloves and protective clothing.

Respiratory Protection

Manufacturing Sites: . In case of inadequate ventilation wear respiratory protection.

Hygiene Measures No information available

Environmental exposure controls See section 6 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	Clear, colorless
Odor	None
Odor threshold	Not available. This product doesn't have substances deriving inhalation health risk.

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	6.5	
Melting point / freezing point	Not available	Not available. This property is not relevant for the safety and classification of this product
Boiling point / boiling range	Not available	
Flash point	Not available	
Evaporation rate	Not available	Not available. This property is not relevant for the safety and classification of this product
Upper flammability or explosive	Not available	

limits**Lower flammability or explosive limits** Not available**Flammability (solid, gas)** Not available**Vapor pressure** Not available**Vapor density** Not available**Relative density** Not available**Solubility** Not available**Partition Coefficient (n-octanol/water)** Not available**Autoignition temperature** Not available**Decomposition temperature** Not available**Viscosity** Not available**Explosive properties** Not applicable**Oxidizing properties** Not available

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not applicable. This property is not relevant for liquid product forms

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not applicable. This product does not contain any substance which possesses dust explosible properties.

Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2))

9.2 Other information**10. STABILITY AND REACTIVITY****10.1 Reactivity****Reactivity** None under normal use conditions.**10.2 Chemical stability****Stability** Stable under normal conditions.**10.3 Possibility of hazardous reactions****Hazardous polymerization** None under normal processing.**10.4 Conditions to Avoid****Conditions to Avoid** No information available.**10.5 Materials to avoid****Incompatible materials** Metals. May be corrosive to metals.**10.6 Hazardous Decomposition Products****Hazardous decomposition products** None under normal use conditions.**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Product Information**

Principle routes of exposure	Eye contact, Skin contact, Inhalation, Ingestion.
Acute toxicity	Not Classified. Based on the available data, the classification criteria are not met.
Skin corrosion/irritation	Not Classified. Based on the available data, the classification criteria are not met.
Serious eye damage/eye irritation	Not Classified. Based on the available data, the classification criteria are not met.
Skin sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Respiratory sensitization	Not Classified. Based on the available data, the classification criteria are not met.
Germ cell mutagenicity	Not Classified. Based on the available data, the classification criteria are not met.
Carcinogenicity	Not Classified. Based on the available data, the classification criteria are not met.
Reproductive toxicity	Not Classified. Based on the available data, the classification criteria are not met.
STOT - single exposure	Not Classified. Based on the available data, the classification criteria are not met.
STOT - repeated exposure	Not Classified. Based on the available data, the classification criteria are not met.
Aspiration hazard	Not Classified. Based on the available data, the classification criteria are not met.

Chemical name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	> 5000 mg/kg bw (OECD 401; standard acute method; rat)	> 2000 mg/kg bw (OECD 402, EU Method B.3, EPA OPPTS 870.1200 and Japan MAFF Testing Guideline of 12 Nosan No. 8147; standard acute method; rat)	-

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity effects

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

Chemical name	CAS No.	Fish	Algae/aquatic plants	Crustacea	Toxicity to microorganisms	Toxicity to other organisms
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)	-
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	6.53 mg/L (Guideline: JIS K 0102-1986, 71; Oryzias latipes; semi-static; freshwater; 48 h)	> 2.01 mg/L (OECD 201; Pseudokirchnerella subcapitata; static; freshwater; growth rate)	3.53 mg/L (OECD 202; Daphnia magna; static; freshwater)	> 1000 mg/L (OECD 209; activated sludge, domestic; static; freshwater; respiration rate)	-

*If different it will be explained in the table

Chemical name	CAS No.	Toxicity to algae (NOEC or ECx)*	Toxicity to fish (NOEC or ECx)*	Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)*	Toxicity to Microorganisms (NOEC or ECx)*	Toxicity to other organisms
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)	
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8				> 1000 mg/L (OECD 209; activated sludge, domestic; static;)	

					freshwater; respiration rate)	
--	--	--	--	--	----------------------------------	--

*If different it will be explained in the table

12.2 Persistence and degradability

No information available.

Chemical name	CAS No.	Ready Biodegradation Test (OECD 301)	Abiotic Degradation Hydrolysis	Abiotic Degradation Photolysis	Biodegradation Other Tests
Benzophenone	119-61-9	0% (OECD 301 C; activated sludge; 14 d)			
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0 % (OECD 301 F; aerobic; activated sludge, domestic, non-adapted; O ₂ consumption)			

12.3 Bioaccumulative potential

No information available.

Chemical name	CAS No.	Octanol/water partition coefficient	Bioconcentration factor (BCF)
Benzophenone	119-61-9	3.1471 (Estimated by calculation. KOWWIN v.)	12 (Hazardous Substances Databank; Oryzias latipes)
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	3.1	72

12.4 Mobility in soil

No information available.

Chemical name	CAS No.	log Koc
Benzophenone	119-61-9	517 (Hazardous Substances Data Bank)
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	784.8 (Calculated value (PCKOCWIN v1.66); adsorption; soil)

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

Disposal should be in accordance with applicable regional, national and local laws and regulations. The waste codes/waste designations below are in accordance with EWC.

Disposal Recommendations

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. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging. Empty, uncleaned packaging need the same disposal considerations as filled packaging.

Contaminated packaging

15 01 10.

EWC Waste Disposal No

07 06 01

13.2 Additional information

Additional information No information available

14. TRANSPORT INFORMATION

IMDG

14.1 UN number UN1760
 14.2 UN proper shipping name Description
 CORROSIVE LIQUID, N.O.S.
 UN1760, CORROSIVE LIQUID, N.O.S.(2-Propenoic acid, 2-hydroxyethyl ester, polymer with 1,1'-methylenebis[4-isocyanatocyclohexane] and 2-oxepanone, Triphenylstibine), 8, III
 8
 14.3 Transport hazard class(es)
 14.4 Packing group III
 14.5 Marine pollutant Not regulated
 EmS-No. F-A, S-B
 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code No information available

IATA

14.1 UN number UN1760
 14.2 UN proper shipping name Description
 CORROSIVE LIQUID, N.O.S.
 UN1760, CORROSIVE LIQUID, N.O.S.(2-Propenoic acid, 2-hydroxyethyl ester, polymer with 1,1'-methylenebis[4-isocyanatocyclohexane] and 2-oxepanone, Triphenylstibine), 8, III
 8
 14.3 Transport hazard class(es)
 14.4 Packing group III
 14.5 Marine pollutant Not regulated

ADR

14.1 UN number UN1760
 14.2 UN proper shipping name Description
 CORROSIVE LIQUID, N.O.S.
 UN1760, CORROSIVE LIQUID, N.O.S.(2-Propenoic acid, 2-hydroxyethyl ester, polymer with 1,1'-methylenebis[4-isocyanatocyclohexane] and 2-oxepanone, Triphenylstibine), 8, III
 8
 14.3 Transport hazard class(es)
 14.4 Packing group III
 14.5 Marine pollutant Not regulated
 Classification code C9
 Labels 8

RID

14.1 UN number UN1760
 14.2 UN proper shipping name Description
 CORROSIVE LIQUID, N.O.S.
 UN1760, CORROSIVE LIQUID, N.O.S.(2-Propenoic acid, 2-hydroxyethyl ester, polymer with 1,1'-methylenebis[4-isocyanatocyclohexane] and 2-oxepanone, Triphenylstibine), 8, III
 8
 14.3 Transport hazard class(es)
 14.4 Packing group III
 14.5 Marine pollutant Not regulated
 Classification code C9
 Labels 8

ADN

14.1 UN Number UN1760
 14.2 UN proper shipping name Description
 CORROSIVE LIQUID, N.O.S.
 UN1760, CORROSIVE LIQUID, N.O.S.(2-Propenoic acid, 2-hydroxyethyl ester, polymer with 1,1'-methylenebis[4-isocyanatocyclohexane] and 2-oxepanone, Triphenylstibine), 8, III
 8
 14.3 Transport hazard class(es)
 14.4 Packing group III
 14.5 Marine pollutant Not regulated

Classification code	C9
Hazard label(s)	8
Limited quantity (LQ)	5 L
Equipment Requirements	PP, EP

15. REGULATORY INFORMATION

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

WGK - Classification (VwVwS) WGK 1

International Inventories

16. OTHER INFORMATION

16.1 Indication of changes

Issuing Date	18-Apr-2019
Revision date	18-Apr-2019
Revision Note	Not applicable

16.2 Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS-No: Chemical Abstracts Service number
CLP - The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)
EINECS: European Inventory of Existing Commercial Chemical Substances
EC-Number: EINECS and ELINCS Number (see also EINECS and ELINCS)
EC50: Calculated concentration causing a 50% reduction in cellular reproduction
GHS- Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
IATA: International Air Transport Association
LC50: Lethal Concentration to 50% of a test population
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose)
PVC- Polyvinylchloride
REACH- Registration, Evaluation and Authorization of Chemicals
STEL: Short term exposure limit
STP- Sewage treatment plant

16.3 Key literature references and sources for data

No information available

16.4 Classification

Physical Hazards

Corrosive to metals - On basis of test data

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

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

H361f - Suspected of damaging fertility

H373 - May cause damage to organs through prolonged or repeated exposure

H411 - Toxic to aquatic life with long lasting effects

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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