

Safety data sheet

According 830/2015 amending Regulation (EC) No 1907/2006

Revision date: 21.10.2019

Date of issue: 06.04.2009

* SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· **Trade name:** Penetrant DP-55 Spraycan

· **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.

· **Application of the substance / the mixture** Penetrant

· 1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

· **Supplier:**

BabbCo SA	SherwinBabbCo
15, rue des Frères Lumière	
Z.I. des EBISOIRES	
78370 PLAISIR (France)	
Tel: +33 (0)1.30.80.81.82	Tel: +33 (0)1.30.80.81.98
Fax: +33 (0)1.30.80.81.99	
e-mail: babb-co@orange.fr	e-mail: SherwinBabbco@orange.fr
http: //www.babbco.fr	

· **Manufacturer:** BabbCo SA (Plaisir – France) - Tel : +33 (0)1 30 80 81 82

· **Further information obtainable from:** Product safety department

· 1.4 Emergency telephone number:

Tel: +33 (0)1.40.05.48.48 (Centre anti-poison de Paris)

Tel: +33 (0)1.30.80.81.98

· **Additional information:**

Attention Medical Authorities,

In accordance with law, to the best of its knowledge, and in good faith, SherwinBabb Co herewith indicates known, or possible, risks arising from the use of the product described below.

There may be similar products on the market for which the suppliers have not indicated certain risks.

Suppliers are responsible for completing SDS forms in a manner that:

- does not give a product's user a false sense of security concerning the product's risks, or which,
- misrepresents the product in a manner that could be construed as unfair competition, or which,
- could lead to legal proceedings against the supplier.

Please contact us to answer any questions, or for additional information, concerning this document, or the product(s) described.

* SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
Eye Dam. 1	H318	Causes serious eye damage.
STOT RE 1	H372	Causes damage to the central nervous system through prolonged or repeated exposure.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

· 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS02 GHS05 GHS08

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Secondary alcohol ethoxylates (3)
Naphtha (petroleum), hydrodesulfurized heavy

· **Hazard statements**

H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
H318	Causes serious eye damage.
H372	Causes damage to the central nervous system through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

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Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P251 Do not pierce or burn, even after use.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a doctor.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 Dispose of contents/container in accordance with local regulations.

Additional information:

- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH208 Contains Dye. May produce an allergic reaction.

2.3 Other hazards See Chapters 3 and 15 for details.**Results of PBT and vPvB assessment**

- PBT:** Not applicable.
- vPvB:** Not applicable.

* SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

- Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 68512-91-4 EINECS: 270-990-9 Reg.nr.: 01-2119485926-20	Hydrocarbons, C3-4-rich, petroleum distillate ⚠ Flam. Gas 1, H220; Press. Gas L, H280	25-50%
CAS: 64742-82-1 EC number: 919-164-8 Reg.nr.: 01-2119473977-17	Naphtha (petroleum), hydrodesulfurized heavy ⚠ STOT RE 1, H372; Asp. Tox. 1, H304; Aquatic Chronic 3, H412	25-50%
CAS: 68131-40-8 Reg.nr.: polymer	Secondary alcohol ethoxylates (3) ⚠ Eye Dam. 1, H318	2.5-10%
CAS: 64742-94-5 EC number: 918-811-1 Reg.nr.: 01-2119463583-34	Solvent naphtha (petroleum), heavy arom. ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336	2.5-10%
CAS: 56358-10-2 EINECS: 260-125-3 Reg.nr.: 01-2120767269-40	Dye ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 4, H413	≤1%

Additional information:

- EC 919-164-8 : This substance has been identified by this CAS number in countries that are not covered by REACH legislation.
- Hydrocarbons, C3-4-rich, petroleum distillate: Note K applies to this product:
The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (Einecs No 203-450-8)
- Naphtha (petroleum), hydrodesulfurized heavy: Note P applies to this product:
The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7).

For the wording of the listed hazard phrases refer to section 16.

* SECTION 4: First aid measures

4.1 Description of first aid measures**General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- After inhalation:** Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.
Remove contaminated clothing.

- After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

- After swallowing:** Do not induce vomiting; call for medical help immediately.

- 4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.
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* SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:**
 - Water haze
 - Foam
 - ABC powder
 - **For safety reasons unsuitable extinguishing agents:** Water spray
 - **5.2 Special hazards arising from the substance or mixture** During heating or in case of fire poisonous gases are produced.
 - **5.3 Advice for firefighters**
 - **Special protective equipment for fire-fighters:**
 - Mouth respiratory protective device.
 - Wear self-contained respiratory protective device.
 - Wear fully protective suit.
-

* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - Mount respiratory protective device.
 - Wear protective equipment. Keep unprotected persons away.
 - Ensure adequate ventilation
 - **6.2 Environmental precautions:**
 - Do not allow product to reach sewage system or any water course.
 - Inform respective authorities in case of seepage into water course or sewage system.
 - Do not allow to enter sewers/ surface or ground water.
 - **6.3 Methods and material for containment and cleaning up:**
 - Use neutralising agent.
 - Dispose contaminated material as waste according to item 13.
 - Ensure adequate ventilation.
 - **6.4 Reference to other sections**
 - See Section 7 for information on safe handling.
 - See Section 8 for information on personal protection equipment.
 - See Section 13 for disposal information.
-

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
 - **Information about fire - and explosion protection:**
 - Do not spray onto a naked flame or any incandescent material.
 - Keep ignition sources away - Do not smoke.
 - Keep respiratory protective device available.
 - Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
 - **7.2 Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:**
 - Observe official regulations on storing packagings with pressurised containers.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** Keep container tightly sealed.
 - **7.3 Specific end use(s)** No further relevant information available.
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* SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

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8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Respiratory protection:

When using a liquid based on organic compound:

- Recommended for organic vapour (type A)

When using a dry powder:

- Recommended for particulate filters (type P)

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves Natural rubber, NR

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses

Tightly sealed goggles

Body protection: Use protective suit.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information****Appearance:**

Form:	Aerosol
Colour:	Red
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not determined.

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	-20 °C
Flash point:	-50 °C (ASTM D-93)

Flammability (solid, gas): Not applicable.

Auto-ignition temperature: 281 °C

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· Decomposition temperature:	Not determined.
· Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits:	
Lower:	0.7 Vol %
Upper:	10 Vol %
· Vapour pressure at 20 °C:	0.5 hPa
· Density at 20 °C:	0.724 g/cm ³ (ASTM D-1298)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Not determined.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	36.5 %
VOC (1999/13/EG)	86.59 %
· 9.2 Other information	No further relevant information available.

* SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
Stable at environment temperature.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

* SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Information on hazardous ingredients

· **LD/LC50 values relevant for classification:**

CAS: 64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy

Oral LD50 >2,000 mg/kg (rat)

CAS: 68131-40-8 Secondary alcohol ethoxylates (3)

Oral LD50 2,600 mg/kg (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** repeated exposure may cause skin dryness or cracking
- **Serious eye damage/irritation**
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure**
Causes damage to the central nervous system through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

* SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
Information on hazardous ingredients

CAS: 64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy	
LC50/ 96 h	10-100 mg/l (Fish)
EC50/ 48 h	10-22 mg/l (daphnia)
IC50 /72 h	10-100 mg/l (Algea)
CAS: 68131-40-8 Secondary alcohol ethoxylates (3)	
LC50/ 96 h	1-10 mg/l (Fish)
EC50/ 48 h	3.1 mg/l (daphnia)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:**
Secondary alcohol ethoxylates: This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents
Harmful to fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Waste/ unused products
Collect all waste in suitable and labelled containers and dispose according to local legislation.
- **European waste catalogue** 07 07 04
- **Uncleaned packaging:**
- **Recommendation:**
Waste / used products
Waste products and empty packages dispose of in accordance with local regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

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* SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN-Number · ADR, IMDG, IATA 	UN1950
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR · IMDG · IATA 	1950 AEROSOLS AEROSOLS AEROSOLS, flammable
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR 	<div style="text-align: center;">  </div>
<ul style="list-style-type: none"> · Class · Label 	2 5F Gases. 2.1
<ul style="list-style-type: none"> · IMDG, IATA 	
<div style="text-align: center;">  </div>	
<ul style="list-style-type: none"> · Class · Label 	2.1 2.1
<ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA 	not applicable
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · 14.6 Special precautions for user · Danger code (Kemler): · EMS Number: · Stowage Code 	Warning: Gases. - F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
<ul style="list-style-type: none"> · Segregation Code 	
<ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: 	
<ul style="list-style-type: none"> · ADR · Limited quantities (LQ) · Excepted quantities (EQ) 	1L Code: E0 Not permitted as Excepted Quantity
<ul style="list-style-type: none"> · Transport category · Tunnel restriction code · Remarks: 	2 D Aerosols may be transported under LIMITED QUANTITIES (LQ). See ADR 3.4 - LQ2. That means no class 2.

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<ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) · Remarks: 	<p>1L Code: E0 Not permitted as Excepted Quantity Aerosols may be transported under LIMITED QUANTITIES (LQ). See IMDG 3.4 - LQ2. That means no class 2.</p>
<ul style="list-style-type: none"> · IATA · Remarks: 	<p>Max. net quantity per package - Passenger Aircraft 75kg Max. net quantity per package - Cargo Aircraft 150kg Max. net quantity per package - Limited quantities 30 kg G Packaging Instruction: Passenger Aircraft - PI 203 Cargo aircraft - PI 203 Limited quantities - PI Y203</p>
<ul style="list-style-type: none"> · UN "Model Regulation": 	<p>UN 1950 AEROSOLS, 2.1</p>

* SECTION 15: Regulatory information

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

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Directive 2012/18/EU

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category** P3a FLAMMABLE AEROSOLS

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

European regulation (REACH) requires that in paragraph 16 all H sentences dealing with raw materials appearing in paragraph 2 and 3 be written. This regulation states which sentences will finally be written on labels (paragraph 3) depending on the respective concentration of every raw material in the preparation. That's why some or all of the sentences or signs shown in paragraph 16 may not be written on the label. BabbCo complies with the law. Any MSDS with the H sentences of the raw material not shown in the paragraph 16 does not comply with regulation.

· **Relevant phrases**

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

· **Contact:** BabbCo SA

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- **Prepared by** Babb Co S.A.

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1: Flammable gases – Category 1

Aerosol 1: Aerosols – Category 1

Press. Gas L: Gases under pressure – Liquefied gas

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

- *** Data compared to the previous version altered.**

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